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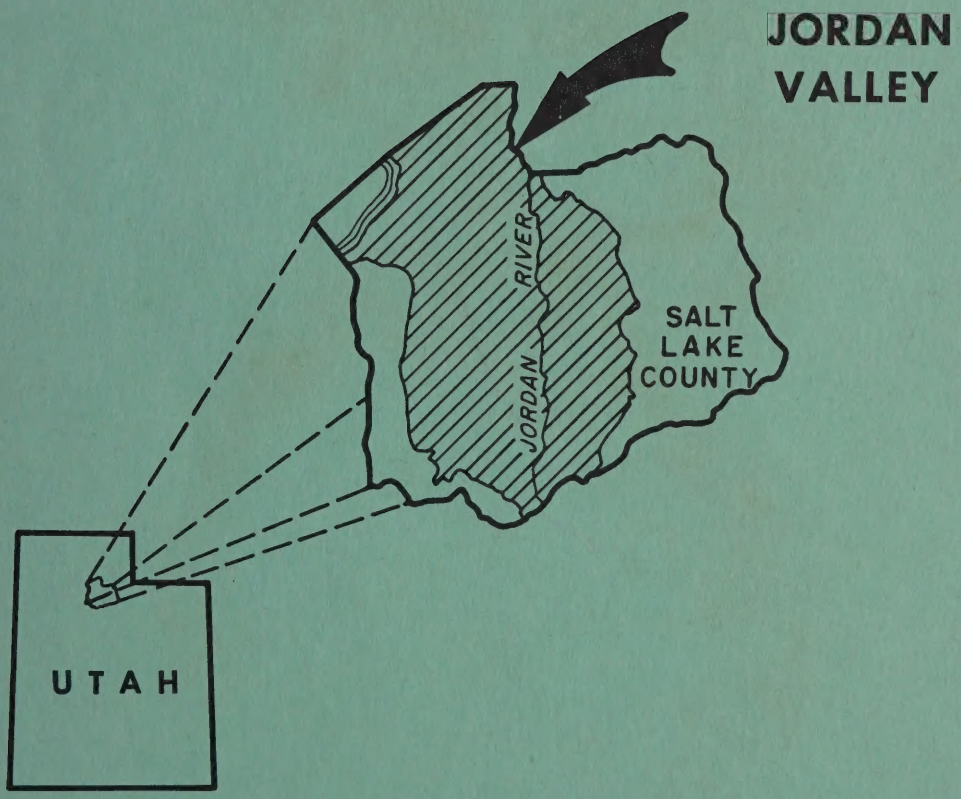
BASIC-DATA REPORT NO. 4

SELECTED HYDROLOGIC DATA

JORDAN VALLEY

SALT LAKE COUNTY, UTAH



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BASIC-DATA REPORTS: This is the fourth in a series of basic-data reports prepared cooperatively by the Utah State Engineer and the U.S. Geological Survey. The basic data included in this series of reports generally consist of well records, logs of wells and test holes, and chemical analyses of water samples collected during a detailed investigation or during a basic-records program. Pending publication of an interpretive companion report to be prepared cooperatively by the U.S. Geological Survey and the Utah State Engineer, much use of the basic data can be made by the public, water-well contractors, and consultants in planning water supplies.

Ted Arnow

District Geologist
U.S. Geological Survey
In charge of cooperative
ground-water investigations in Utah

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BASIC-DATA REPORT NO. 4

SELECTED HYDROLOGIC DATA
JORDAN VALLEY
SALT LAKE COUNTY, UTAH

By

I. Wendell Marine and Don Price

Geologists, U.S. Geological Survey

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Prepared by

The United States Geological Survey

in cooperation with

The Utah State Engineer

Salt Lake City, Utah

1963

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Introduction

This report is intended to serve two purposes: (1) to make available to the public basic ground-water data useful in planning and studying development of water resources and (2) to supplement an interpretive report that will be published later.

Records were collected during the period 1956-59 by the U.S. Geological Survey in cooperation with the Utah State Engineer as a part of the investigation of ground-water conditions in the Jordan Valley, Utah. The interpretive material will be published in a companion report by I. Wendell Marine and Don Price.

This report is most useful in predicting conditions likely to be found in areas that are being considered as well sites. The person considering the new well can spot the proposed site in plate 1 and examine the records of nearby wells as shown in the tables. From table 2 he can note the type of material that yields water to wells in the vicinity; from table 1 he can note (1) the depth and diameter of wells in the vicinity and the yield of some of those wells, and (2) the depth to water or the feet of water pressure in the vicinity; from table 1 and plate 1 he can note the location of springs; from tables 3 and 4 he can note the chemical quality of the water from wells and springs and from surface sources in the vicinity; and from table 1 he can find the use made of the well and spring water. If the reader decides from his examination that conditions are favorable, he can place an application to drill a well with the State Engineer. If the State Engineer believes unappropriated water is available, the application may be approved after minimum statutory requirements have been satisfied.

The report is also useful when planning large-scale developments of water supply. This and other uses of the report will be helped by use of the interpretive report upon its release.

The well numbers used in this report indicate the well location by land subdivision according to a numbering system that was devised cooperatively by the Utah State Engineer and G. H. Taylor of the Geological Survey about 1935. The system is illustrated in figure 1. The complete well number comprises letters and numbers that designate consecutively the quadrant and township (shown together in parentheses by a capital letter designating the quadrant in relation to the base point of the Salt Lake Base and Meridian, and numbers designating the township and range); the number of the section; the quarter section (designated by a letter); the quarter of the quarter section; the quarter of the quarter-quarter section; and, finally, the particular well within the 10-acre tract (designated by a number). By this system the letters A, B, C, and D designate, respectively, the northeast, northwest, southwest, and southeast quadrants of the standard base and meridian system of the Bureau of Land Management, and the letters a, b, c, and d designate, respectively, the northeast, northwest, southwest, and southeast quarters of the section, of the quarter section, and of the quarter-quarter

section. Thus the number (B-2-2)12dcd-2 designates well 2 in the SE¼SW¼SE¼ sec. 12, T. 2 N., R. 2 W., the letter B showing that the township is north of the Salt Lake Base Line and the range is west of the Salt Lake Meridian; and the number (D-3-2)34bca-1 designates well 1 in the NE¼SW¼NW¼ sec. 34, T. 3 S., R. 2 E.

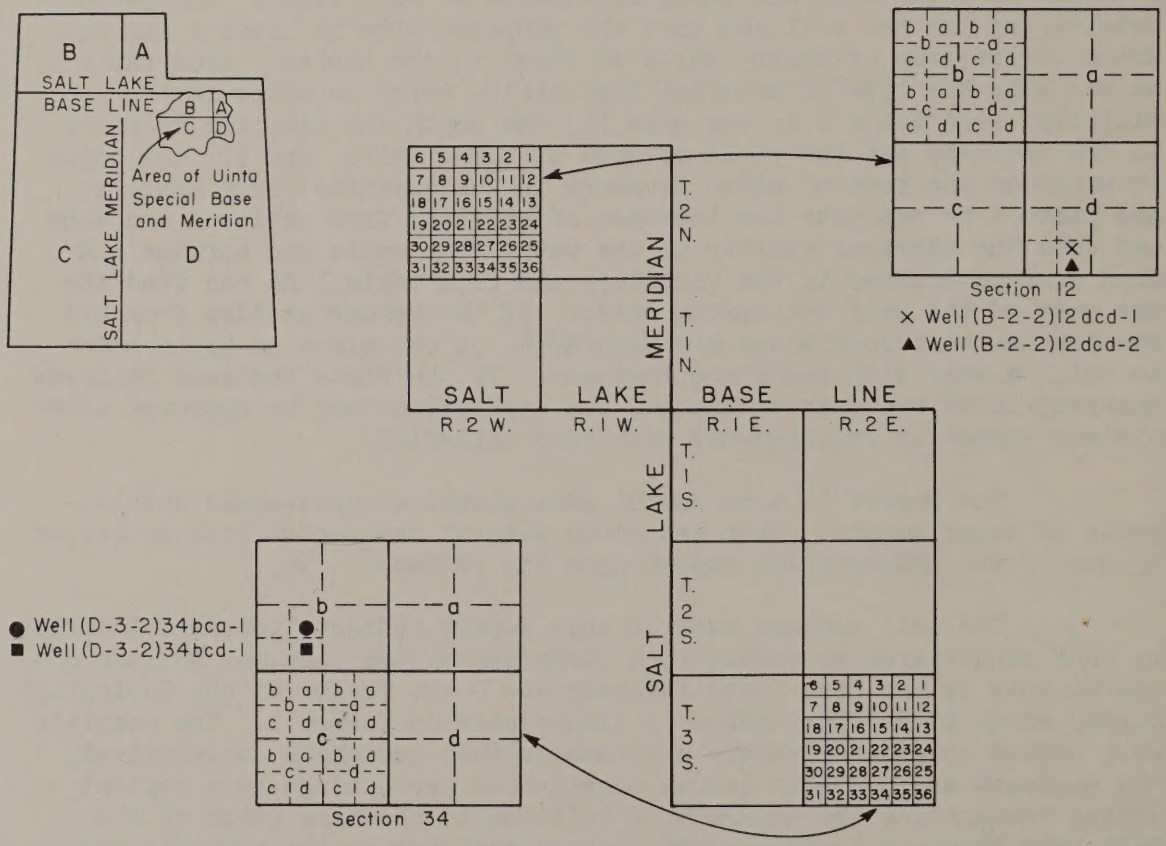

Figure 1.— Well-numbering system used in Utah.

Table 1.--Records of selected wells and springs in the Jordan Valley

Well or spring number: see text for description of well-numbering system.
Type of well: D, dug; Dr, driven; J, jetted; P, percussion (cable tool); R, rotary; S, spring.
Depth of well: question mark (?) used when depth listed is uncertain.
Method of lift: C, centrifugal pump; Cy, cylinder pump; F, flowing well; J, jet pump; N, none; T, turbine; Ts, submersible turbine pump.
Use of water: Co, cooling; D, domestic; F, fish or fur-animal culture; In, industry; Ir, irrigation; M, municipal; N, none; O, observation; P, public supply other than municipal (schools, hospitals, churches, and public fountains); R, return well for water used for cooling purposes; S, stock.
Altitude of land-surface datum: surveyed altitudes (from Utah State Engineer records) are given in feet and tenths; altitudes interpolated from topographic map are given in feet.
Water level: measured distances to water level are given in feet and tenths; reported distances are given in feet. Plus sign (+) without number indicates water level was unmeasured distance above the land surface on given date.
Yield: Quantity in gpm (gallons per minute); f, yield by flow; p, yield by pumping. Drawdown; the distance between the static and pumping water levels for a given yield. Date of measurement; if month and year are given the yield is reported, if month, day, and year are given the yield is measured.
Remarks and other available data: B, water enters well from bottom or within 20 feet of bottom; C, chemical analysis in Table 3; L, driller's log in Table 2. Question mark (?) used in perforation information when extent of perforation is unknown.

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
East Bench district															
(D-1-1)															
4adc-1	University of Utah, Annex well	1956	P	750	8,6	Ts	Ir, P	4,820	-338	2- 56	- 54	150p 500p	98	2- 56 9- 58	Casing: 6-inch from 498 to 750 ft, perforated 361-750 ft. C, L.
4cac-1	Salt Lake City Corp., 15th East Reservoir well	1934	P	385	15, 12	T	M	4,671.5	-198	2- 58	-	513p	74	5- 3-35	Casing: 12-inch from 225 to 385 ft, perforated 225-384 ft. C.
4cac-2	Metropolitan Water District, 15th East Reservoir well	1956	P	510	20	Ts	M	4,670	-195.0	5- 6-57	-	2,500p	66	5- 56	Casing perforated 266-470 ft. C, L.
4cbd-1	University of Utah, Stadium well	1956	P	445	12	T	Ir, P	4,640	-158 -185	3- 56 9- 58	- 54	1,650p 1,300p	20 11	3- 56 9- 58	Casing perforated 217-445 ft. C.
4cca-1	University of Utah, Fountain of Ute	1934	P	500	20	T	Ir, P	4,606.3	-134.6	6-19-35	53	1,350p	29	10-24-34	Casing perforated 138-230, 238-278, 290-354, 400-428, 434-484 ft. C.
5aad-1	Salt Lake City Corp., Hydraulic Laboratory well	1934	P	153	15	N	O	4,578.6	-104.5	4- 2-58	56	150p	-	6- 34	Numbered (D-1-1)4bb in U.S. Geol. Survey Water-Supply Paper 817-B.
8abd	Tarpy Hollow Spring	-	S	-	-	-	-	4,440	-	-	57	-	-	-	C.
9aca-1	Salt Lake City Corp., Sunnyside Avenue well	1934	P	502	20	N	O	4,660.7	-139.3	4-12-58	54	450p	70	7- 34	Casing perforated 180-485 ft. C.
9bab-1	Mt. Olivet Cemetary Association	1955	P	470	16	T	Ir	4,630	-140 -161	6- 55 9- 58	- 54	900p 550p	70 11	6- 55 9- 58	Casing perforated 175-195, 215-235, 280-377, 400-463 ft. C, L.
10acc-1	R. Ackerson	1954	P	265	6	N	N	4,800	-184.4	4- 4-58	-	5p	50	6- 54	Casing perforated 170-190 ft. L.
10cac-1	Salt Lake City Corp., Bonneville Golf Course well	1934	P	240	15, 12	N	O	4,695.2	-144.4	4- 3-58	-	-	-	-	Casing: 12-inch from 156 to 238 ft, perforated 156-238 ft.
11a	Emigration Spring	-	S	-	-	-	-	5,000	-	-	-	-	-	-	C.
15bda-1	C. J. Calobeer	1902	D	102	48	N	N	4,693.9	- 93.6	4- 9-32	-	-	-	-	B, C.
15bdc-1	R. R. Kiser	1915	P	200	8	N	N	4,620	- 73.2 - 66.7	4- 4-58 9-22-58	53 58	-	-	-	Reported to have encountered bedrock at a depth of 200 ft. C.
16caa-1	Salt Lake City Corp., Blaine Avenue well	1934	P	502	20	N	O	4,488.6	- 56.9	4- 58	-	1,350p	-	8- 34	Casing perforated 90-486 ft.
20aaa-2	Hygeia Ice Co.	1956	P	297	10	T	In	4,385	- 20 - 15	12- 56 9- 58	-	576p	36	12- 56	Casing perforated 73-107, 253-260, 263-268, 271-296 ft. C.
20aab-2	do	1932	P	312	10, 8	-	In	4,381.9	-	-	-	150f 400p	-	1932 1932	Casing: 8-inch from 235 to 312 ft, perforated 80-130, 265-278, 295-312 ft.
20acd	Fairmount Park Spring	-	S	-	-	-	-	4,355	-	-	56	-	-	-	C.
20ddd-1	Salt Lake City Corp., 27th South & 13th East well	1934	P	500	20	T	M	4,417.7	- 35	2- 58	-	4,050p	88	2- 58	Casing perforated 80-438 ft. C.
21bdd-1	Old Utah State Prison well	1931	P	467	12	N	O	4,463.0	- 78.4	2-19-58	54	925p	10	6- 1-32	Numbered (D-1-1)21acc-1 in U.S.Geol. Survey Water-Supply Paper 1029. C.
21ddd-1	Salt Lake City Corp., 27th South & 19th East well	1934	P	535	20	T	M	4,518.5	-115	2- 58	-	4,580p	34	8- 34	Casing perforated 126-502 ft. C.
23bbc-1	E. L. Vetter	1946	P	255	6	N	N	4,800	Dry	1946	-	-	-	-	Well abandoned, no water encountered.
23cc	Salt Lake City Corp., Parleys Canyon well	1934	P	534	15, 8¼	N	O	4,595	- 81	2- 58	-	-	-	-	Casing: 15-inch from surface to 342 ft and 8¼-inch from surface to 406 ft. Well abandoned. B.
25cbb	County Water System, Boundry Spring	-	S	-	-	-	M	-	-	-	-	-	-	-	C.
25ccb-1	County Water System	1950	P	330	6	T	M	4,960	-	-	-	100p	-	5- 58	C.
25ccb-2	do	1956	P	546	16, 12	T	-	4,930	-108.9	6- 9-58	-	-	-	-	Casing: 12-inch from 178 to 546 ft.
26ddc-1	do	1952	P	305	12, 10	T	N	4,880	-250	5- 52	-	450p	-	5- 52	Casing: 10-inch from 250 to 305 ft, perforated 163-165, 295-302 ft.
26ddc-2	do	1958	P	319	18, 16	-	M	4,880	-	-	-	-	-	-	Casing: 16-inch from 292 to 319 ft.
26ddc-4	do	1953	P	600	10	N	N	4,880	-250	8- 53	-	-	-	-	Casing perforated 190-(?) ft. L.
27dda-1	C. P. Rank	1906	D	15	48	-	-	4,682.7	- 10	2- 58	-	-	-	-	B.
28cbb-1	J. L. Lawrence & E. K. Edwards, Villa Theater well	1948	P	200	8	-	Co	4,415	- 30	12- 48	53	200p	5	12- 48	Casing perforated 78-163 ft.
28cbb-2	Coombs Enterprise Inc., Beau Brummel Restaurant well	1954	P	363	6	-	Co	4,415	- 14	1- 54	-	300p	46	1- 54	Casing perforated 252-310, 330-354 ft. C, L.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level: Above (+) or below (-) land-surface datum (feet)	Water level: Date of measurement	Temperature (°F)	Yield: Quantity (gpm)	Yield: Drawdown (feet)	Yield: Date of measurement	Remarks and other available data
East Bench district - Continued															
(D-1-1)															
29adc	Hilberg Spring	-	S	-	-	-	-	4,370	-	-	57	-	-	-	C.
33aad-1	C. Merrill	1948	P	305	8	-	-	4,520	-135	4- 48	-	-	-	-	L.
33bad-2	T. F. Kearns	1946	P	163	6	-	-	4,445	- 50	9- 46	55	60p	-	9- 46	
33caa-1	E. Hudson	1900	J	385	2	F	D	4,381.2	+ 8.3	3-12-58	52	-	-	-	B, C.
34bab-1	Salt Lake City Corp., Lower Mill Creek well	1934	P	241	15	T	M	4,570	-168	2- 58	56	1,350p	48	7- 7-34	Casing perforated 223-237 ft. C.
35cbd-1	W. S. Rosvall	1947	R	339	8	-	-	4,720	-	-	-	-	-	-	Casing perforated at 297 ft.
35cdc	County Water System	1958	P	530	20	N	N	4,720	-337.3	8-22-58	-	800p	-	8-21-58	Casing perforated 368-390, 419-480, 490-530 ft. L.
36	Salt Lake City Corp., Upper Mill Creek well	1934	-	230	15	N	N	-	Dry	1934	-	-	-	-	Casing pulled and hole filled.
36bac-1	M. K. White & A. C. Melville	1954	P	320	12	N	N	5,080	-140	3- 54	-	50p	-	3- 54	Casing perforated 105-136 ft. C, L.
36dcd-1	Mt. Olympus Park, Inc.	1953	P	232	10	N	N	5,240	-	-	-	-	-	-	
(D-2-1)															
2bbb-1	County Water System	1951	P	400	12	T	M	4,650	-210	2- 51	-	900p	-	7- 51	Casing perforated 260-265, 285-298, 310-367, 377-397 ft.
2bbb-2	do	1952	P	366	16	N	N	-	-	-	-	-	-	-	
2bbb-3	do	1950	P	332	10	T	M	4,650	-254	12- 50	-	320p	13	12- 50	Casing perforated 301-315, 317-332 ft. C.
2cdb	Spring Creek Irrigation Co., North Fork Spring	-	S	-	-	-	M	4,675	-	-	-	-	-	-	C.
2cdb	Spring Creek Irrigation Co., Upper Spring	-	S	-	-	-	M	4,675	-	-	-	-	-	-	C.
2cdc	Casto Spring Irrigation Co., Casto Spring	-	S	-	-	-	M	4,720	-	-	52	-	-	-	C.
3abc-1	A. Gerritsen	1957	P	220	6	-	-	4,560	-175	6- 57	-	-	-	-	Casing perforated 200-220 ft. L.
3ada-1	Western Auto Radiator Co.	1951	P	280	8	-	In	4,570	-235	11- 51	55	80p	2	11- 51	Casing perforated 244-247, 251-259, 265-277 ft.
3bcd-1	M. Amundson	1945	J	166	4	J	D	4,465	- 83.7	3-12-58	-	-	-	-	
4dba-2	E. L. Pettit	1918	J	86	2	F	D	4,370	+ 5.3	3-12-58	53	-	-	-	Sutherland well. B.
4dbd-4	E. Templeman	-	J	118	3	N	O	4,332.4	- 4.2	3-21-58	-	-	-	-	Well depth measured in 1957, 82.0 ft. B.
9aab-3	Holladay Lumber Co.	-	J	-	2	F	D	4,367.8	+ 5.0	3-12-58	53	8f	-	10-10-32	Formerly J. McDonald well. B, C.
9aba-2	Utah State Road Commission	1890	J	147	2½	F	P	4,363.8	+ 7.9	3-12-58	53	-	-	-	Formerly L. W. Howard well. B.
11baa	G. B. Andrus, Dry Creek Spring	-	S	-	-	-	M	4,520	-	-	52	-	-	-	C.
East Lake Plain district															
(A-1-1)															
31acb-1	Latter Day Saints Hospital	1932	P	470	12, 8	-	P	4,621.0	-356	7- 43	53	123p	20	5- 32	Well No. 1. C.
31acb-2	do	1950	P	710	12, 10	-	P	4,620	-405	4- 50	-	200p	125	4- 50	Well No. 2. Casing: 10-inch from 540 to 710 ft, perforated 443-465, 482-500, 516-530, 630-660 ft.
31cac-1	Salt Lake City Corp., 4th Avenue well	1943	P	464	20	Ts	M	4,400	-148	4- 58	-	3,500p	16	1943	Casing perforated 162-216, 231-280, 312-317, 324-341, 380-420 ft. C, L.
31cca-1	Salt Lake City Corp., 3rd Avenue well	1934	P	186	15, 12	N	O	4,374.5	-132	2- 58	-	1,080p	24	6- 34	Casing perforated 140-186 ft. C.
31ccc-1	Hotel Utah, supply well	1948	P	350	12	-	Co, P	4,330	-104	8- 48	-	900p	-	8- 48	Drawdown reported negligible at 900gpm. Casing perforated 167-350 ft.
31ccc-2	Latter Day Saints Church Offices, supply well	1955	P	390	20	-	Co	4,335	-107	5- 55	-	2,050p	5	5- 55	Casing perforated 160-230, 250-388 ft. L.
31ccc-2	Latter Day Saints Church Offices, return well	1955	P	383	16	-	R	4,335	-101	7- 55	-	2,250p	4	7- 55	Casing perforated 165-222, 235-270, 309-342, 363-381 ft.
31ccc-3	Hotel Utah, supply well	1948	P	314	8	-	Co, P	4,330	-104	8- 48	57	450p	3	8- 48	Casing perforated 290-314 ft.
(B-1-1)															
14dcb	Beck's Hot Springs	-	S	-	-	N	N	4,230	-	-	129	-	-	-	C.
26ddc-2	L. T. Farnsworth	1891	J	184	1½	F	D	4,218	+ 5.1	3-12-58	57	1f	-	7- 37	B, C.
36abc-1	American Oil Co.	1920	J	-	2	-	-	4,236.9	+ 4.0	3- 1-32	55	4f	-	10- 6-31	B, C.
36acb	22nd Ward, Latter Day Saints Church	-	-	-	4	N	O	4,242	- 9.8	3-12-58	-	-	-	-	
36bac-24	American Oil Co.	1937	-	115	12	N	N	4,225	+ 7	2- 38	56	500p	17	2- 38	Casing perforated 105-115 ft.
36bac-24	do	1958	P	135	24	Ts	In	4,230	-	-	-	760p	17	10-20-58	Casing perforated 58-122 ft. Replacement well for 36bac-24 drilled in 1937.
36bac-25	do	1937	-	112	12	T	In	4,225	+ 7	1- 38	56	-	-	-	Casing perforated 102-112 ft.
36bac-26	do	1937	-	113	12	T	In	4,225	+ 7	2- 38	56	-	-	-	Casing perforated 103-113 ft.
36bac-27	do	1937	P	113	12	T	In	4,225	+ 7	2- 38	56	-	-	-	Casing perforated 103-113 ft.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level: Above (+) or below (-) land-surface datum (feet)	Water level: Date of measurement	Temperature (°F)	Yield: Quantity (gpm)	Yield: Drawdown (feet)	Yield: Date of measurement	Remarks and other available data
East Lake Plain district - Continued															
(B-1-1)															
36bac-28	American Oil Co.	1947	P	125	12	-	-	4,225	- 17	6- 47	-	200p	10	6- 47	Casing perforated 100-125 ft.
36bac-29	do	1950	P	400	12, 10	N	N	4,225	- 5	7- 50	-	700p	95	7- 50	Casing: 10-inch from 265 to 400 ft, perforated 120-175, 230-270, 300-320 ft. C, L.
36bad	do	1958	J	105	4	F	O	4,230	+ 5.3	8- 4-58	57	75f	-	7-22-58	Test well. B, C.
36ddc	Hotel Utah Motor Lodge, return well	1956	P	361	12	-	R	4,307	- 90	10- 56	-	1,200p	-	10- 56	Return well for air-condition water from Hotel Utah and Hotel Utah Motor Lodge. Casing perforated 200-356 ft.
(C-1-1)															
2abc-1	L. Raleigh	-	J	-	1½	F	D	4,223	+ 8.0	3-12-58	54	-	-	-	C.
2adc-1	H. Hannigan	1891	J	220	3	F	D	4,224	+ 5.2	2-20-57	57	-	-	-	B.
2bac-1	Fisher Brewing Co.	1947	P	750	8, 6½	T	In	4,222	(+)	11- 47	-	250p 100f	145	11- 47 11- 47	Casing: 6½-inch from 590 to 690 ft, plugged from 665 to 750 ft, perforated 412-472, 650-665 ft. C, L.
2cda-1	J. D. Brown	1926	J	115	2	F	-	4,223.1	+ 3.7	3- 1-32	54	1.5f	-	10- 3-31	B, C.
12bdb-1	American Foundry and Machine Co.	1953	P	1,170	10	-	In	4,227	(+)	5- 53	-	150f	-	5- 53	Casing perforated 1,030-1,170 ft. L.
12cdc-2	O. P. Tillery	1916	J	185	2	F	D	4,226.8	+ 2.3	7-20-37	54	6f	-	9-30-31	B, C.
13adc-1	Salt Lake City Corp.	1900	J	500	3	-	N	4,240.9	+ 18.2	3- 1-32	60	6f	-	10- 3-31	B, C.
13bba-1	Eitel-McCullough, Inc.	1942	-	815	4	-	In	4,225	-	-	60	-	-	-	C.
13bba-2	do	1942	-	650	4	-	In	4,225	-	-	58	-	-	-	C.
13dac-1	Utah Poultry Producers Co-op.	1931	-	864	3, 2	-	D	4,240.0	+ 16.5	3-30-32	63	25f	-	8- 31	C.
13dad-1	F. Rigby	-	J	-	3	-	D	4,247.2	-	-	-	-	-	-	B, C.
13ddb-3	Waterworks Equipment Co., supply well	1956	P	360	8	F	Co	4,240	-	-	-	190p 25f	150	1- 56 1- 56	Casing perforated at 340 ft.
13ddb	Waterworks Equipment Co., return well	1956	-	215	4	-	R	4,240	+ 3	2- 56	-	100p 5f	-	2- 56 2- 56	
14dba-4	Lu-To-Co, Inc.	1956	J	168	2	F	D	4,225	+ 12.9	3-10-58	60	-	-	-	Hydrogen sulfide odor. B, C.
23baa-1	P. Bock	1929	J	165	2	Cy, F	D	4,228.3	+ 7.9	3-10-58	53	-	-	-	Hydrogen sulfide odor. B, C.
24acc-1	Zions Securities Corp.	1930	J	250	2	-	-	4,234.0	+ 18.2	3- 1-32	56	14f	-	8-26-32	B, C.
24bbb-4	Denver and Rio Grande Western RR. Co.	1929	-	660	3	F	-	4,225.0	+ 49.2	4-29-33	62	-	-	-	C.
24cdc-1	Zions Securities Corp.	1931	J	210	2	F	S	4,236.2	+ 5.7	3- 1-32	54	-	-	-	
24cdc-2	do	1930	J	400	2	F	S	4,236.0	+ 22.7	3- 1-32	58	-	-	-	B, C.
24cdd-2	do	1930	J	250	2	F	S	4,236.9	+ 17.3	3-13-58	55	-	-	-	B, C.
24dab-18	South Salt Lake, Inc.	-	-	621	4	F	M	4,238	-	-	-	-	-	-	C.
24dab-19	Utah Pie Co., supply well	1958	R	524	4, 3	-	Co	4,240	(+)	11- 58	54	25p 5f	-	11- 58 11- 58	C.
24dab-19	Utah Pie Co., return well	1958	R	218	4	N	R	4,240	-	-	-	-	-	-	
24dac-10	South Salt Lake, Inc.	-	-	342	4	C, F	M	4,240	-	-	-	-	-	-	C.
24dac-11	do	-	-	575	4	C, F	M	4,240	-	-	-	-	-	-	C.
24dac-12	do	-	-	833	4	C, F	M	4,240	-	-	-	-	-	-	C.
24dad-22	do	-	-	585	4	F	M	4,243	-	-	-	-	-	-	C.
24dbd-2	do	-	-	785	4	C, F	M	4,238	-	-	-	-	-	-	C.
24ddb-21	do	-	-	750	4	F	M	4,238	-	-	-	-	-	-	C.
25aca-1	Swift & Co.	1914	J	355	2	F	N	4,242.1	+ 3.0	3-12-58	55	2.1f	-	6-25-32	B.
25acb-3	South Salt Lake, Inc.	1954	P	967	12, 8	F	-	4,240	(+)	2- 54	-	320f	-	2- 54	Casing: 8-inch from 747 to 967 ft, perforated 700-756, 766-770, 937-939, 952-963 ft.
25ca	Granite School District	-	J	525	2	-	P	4,240	-	-	-	-	-	-	Kitchen well. B, C.
25caa-1	B. Van Ry	1918	J	500	3	F	D	4,238.3	+ 12.5	10-18-57	56	-	-	-	B.
25caa-2	Granite School District	1953	P	641	8	F	P	4,240	+ 20.2 + 12.5	5-14-58 9- 5-58	63	300f	20	4- 53	Kitchen well. Casing perforated 635-641 ft. C, L.
25cad-11	F. Stauffer	1950	J	302	2	F	D	4,240	+ 13.1	10-18-57	55	-	-	-	B.
25cbd-2	Vitro Chemical Co.	1943	-	570	8,6,5	F	In	4,238	+ 36	7- 43	-	120f	-	7- 43	Casing perforated at 552 ft.
25cca-2	do	1942	-	620	8, 6	F	In	4,238	+ 30	12- 42	58	280p	300	12- 42	Casing: 6-inch from 401 to 620 ft, perforated at 601, 602, 608 ft.
25cca-2	do	1956	P	710	8	F	In	4,238	(+)	10- 56	-	100f	-	10- 56	Casing perforated at 266 ft. Replacement well for 25cca-2 drilled 1942. L.
25ccb-2	Western Auto Wrecking Co.	1955	J	345	2	F	D, O	4,240	+ 17.0	3-13-58	56	10f	-	3- 58	B, C.
25cdb-3	J. W. Gardiner	-	J	320	2	F	D	4,240	+ 23.3	3-13-58	57	-	-	-	Formerly M. Smith well. Hydrogen sulfide odor. B.
25cdd-4	J. Daly	1952	J	325	2	Cy	D	4,240	+ 13.9	3-13-58	55	-	-	-	B.
25daa-5	D. Anderson	1926	J	428	2	F	D	4,252	+ 14.3	3-13-58	50	-	-	-	B.
25dab-2	J. Selan	1924	J	500	3	F	D	4,242.8	+ 17.5	3-13-58	55	-	-	-	B, C.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
East Lake Plain district - Continued															
(C-1-1)															
25dab-4	F. Mecham	1905	J	400	4	F	D	4,245.5	+ 16.6	3-13-58	48	-	-	-	B.
25dac-3	J. Peterson	1920	J	500	2	F	D	4,246.5	+ 14.5	3-13-58	59	-	-	-	Hydrogen sulfide odor. B.
25dac-6	R. Hancock	1931	J	500?	2	F	D	4,246.1	+ 10.7	10-18-57	56	-	-	-	B.
25dda-10	A. Richman	1924	J	350	2	F	D	4,249.6	+ 17.0	3-13-58	56	-	-	-	B, C.
26ddd-4	H. F. Fulmer	1943	J	425	2	F	D	4,245	+ 8.0	5-27-58	-	-	-	-	B.
35aaa-4	F. E. Hitchens	1898	J	381	2	F	D, O	4,249.2	+ 13.1	3-13-58	56	.2f	-	9-29-31	B, C.
35aaa-5	do	1931	J	330	2	F	D	4,249.2	+ 10.1	3-13-58	55	6f	-	9-29-31	B, C.
35aad-2	E. Maddocks	1920	J	500	2	F	D	4,249.9	+ 8.7	4-25-58	-	-	-	-	B.
35add-1	J. Carlisle	1924	J	350	2	F	D	4,254.4	+ 1.6	5-23-58	-	-	-	-	B.
35caa-2	Salt Lake County Water Conservancy District, Carlisle Avenue well	1958	P	750	20, 16	T	M	4,254	+ .4	5-27-58	70	490p	104	6-24-58	Casing: 16-inch from 462 to 750 ft, perforated 440-450, 641-682, 690-699, 706-745 ft. C, L.
35ddd-4	Cecil Olsen	1950	J	448	3	C,F	D	4,260	+ .5	5-26-58	57	-	-	-	B, C.
36aab-1	V. Eastman	1950	J	350	2	F	D	4,254.5	+ 12.7	3-13-58	54	-	-	-	B.
36add-4	Salt Lake County, Harmony Park well	1949	P	201	6	F	P	4,260	+ 25	2- 49	56	100f	-	2- 49	Casing perforated 185-201 ft. L.
36cac-2	F. W. Tuttle	1905	J	510	2	-	D	4,262.4	+ .7	4-25-58	-	-	-	-	B.
36cac-3	K. A. Wright	1906	J	365	2	F	D	4,262.3	+ 1.8	4-25-58	-	-	-	-	B.
36cbc-2	R. Carlisle	1932	J	426	2	N	N	4,259.3	+ 4.8	4-25-58	58	2.0f	-	6-30-32	B.
36cbc-4	L. G. Hill	1948	J	410	3	J	D	4,262	+ 4.2	2-13-57	-	70f	-	8- 48	B.
36cdb-1	H. Julian	1905	J	420	2	-	D	4,268.5	- 2.1	5-26-58	-	-	-	-	B.
36cdb-2	do	1934	J	680	3	N	N	4,268.2	+ .1	4-25-58	-	-	-	-	B.
36dab-5	N. Neeleman	1924	J	535	4	-	D	4,260	+ 3.2	4-25-58	52	-	-	-	B, C.
(D-1-1)															
5aaa-1	Salt Lake City Corp., South Temple well	1934	P	440	15, 12	Ts	M	4,584	-109	2- 58	-	-	-	-	Casing: 12-inch from 324 to 440 ft, perforated 134-152, 395-440 ft.
6aab-1	Medical-Central Building, Inc., supply well	1950	P	270	8	-	Co	4,380	-135	5- 50	-	-	-	-	
6aab-1	Medical-Central Building, Inc., return well	1950	P	190	6	-	R	4,380	-128	5- 50	57	400p	-	5- 50	Casing perforated 174-185 ft.
6abd-1	B. H. Davis, Ben Albert Apartment Building well	1951	P	325	10	T	Co	4,335	- 80	4- 51	-	250p	15	4- 51	Casing perforated 150-164, 241-245, 310-313 ft. C.
6bbb-1	Zions Cooperative Mercantile Institute	1937	P	440	8, 6	T	Co, P	4,330	- 76	1937	54	450p	16	1937	Casing: 6-inch from 279 to 440 ft, perforated 110-120, 210-235, 261-279, 375-415 ft. C, L.
6bbb-2	Medical Arts Bldg., supply well	1945	P	350	12	-	Co	4,330	-115	3- 50	-	500p	3	1945	Casing perforated at 200 ft.
6bbb-2	Medical Arts Bldg., return well	1945	P	150	8	-	R	4,330	-106	3- 50	-	450p	24	1945	Casing perforated 100-120, 130-145 ft.
6bbc	Mountain States Telephone and Telegraph Co., old return well	1939	P	205	8¼	-	N	4,310	- 85	10- 39	56	-	-	-	Casing perforated 165-199 ft.
6bbd-1	Mountain States Telephone and Telegraph Co., supply well	1939	P	200	8¼	-	N	4,310	- 85	9- 39	56	200p	-	9- 39	Casing perforated 160-195 ft. Well destroyed when new building was erected at site.
6bbd-1	Mountain States Telephone and Telegraph Co., return well	1948	P	216	10	-	N	4,310	- 80	6- 48	53	400p	10	6- 48	Casing perforated at 137 ft. Well destroyed when new building was erected at site.
6cbb-1	Paris Co., supply well	1950	P	700	10, 8	-	N	4,270	- 35	9- 50	62	300p	-	9- 50	Casing: 8-inch from 270 to 700 ft, perforated 133-135, 189-193, 645-661, 680-700 ft. Well capped. L.
6cbb-1	Paris Co., return well	1950	P	670	10, 8	-	N	4,270	- 35	9- 50	60	350p	135	9- 50	Casing: 8-inch from 450 to 670 ft, perforated 147-152, 323-337, 622-641 ft. Well capped.
6ccd-1	Royal Laundry	1932	-	580	10	-	-	4,250.9	- 12	6- 50	-	-	-	-	Casing perforated 145-155, 176-208, 243-249, 320-326, 361-370, 440-444, 494-508, 519-522, 530-545 ft.
6ddb-1	Western Garden Center	1947	-	550	4	T	N	4,280	- 46	5- 58	-	40p	-	1955	Casing perforated 530-546 ft. L.
7aba-7	Liberty Wells Stake, Latter Day Saints Church	1954	-	175	4	F	-	4,255	+ 4	5- 54	54	20f	-	7- 57	B, C.
7abd-6	Salt Lake City Corp., 5th East and 8th South well	1890	J	130	2	F	P	4,260.9	+ 7.2	3-12-58	55	3f	-	3- 58	B, C.
7bba	Clover Leaf-Harris Dairy	-	-	750	10, 8	-	N	4,240	-	-	-	-	-	-	Casing perforated 480-490, 535-545 ft.
7dbd-3	J. A. Kesler	1934	J	160	2	-	-	4,251.0	- 18.3	12-17-58	-	-	-	-	B.
8bbb-1	W. H. Edwards	1889	J	300	2	F	D	4,283.8	+ 5.7	4- 4-58	55	3f	-	4- 58	B.
8bcc-2	S. Mitchell	1896	J	360	2	-	-	4,278.5	-	-	-	-	-	-	B.
18aaa-3	Zions Securities Corp.	1900	J	300	1¼	-	-	4,263.5	+ 18.4	3- 2-32	55	3f	-	9-30-31	B, C.
19bac-4	M. Schmidt	1915	J	105	2	Cy	D	4,260.0	+ 9.5	3-28-57	53	-	-	-	B, C.
19bac-24	do	1942	J	470	3	Cy	D, S	4,260	+ 16.8	3-13-58	54	-	-	-	B, C.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
East Lake Plain district - Continued															
(D-1-1)															
19bba-20	Al Harris Dairy	1945	-	518	3	-	-	4,250	-	-	-	-	-	-	L.
19bbd-7	A. Kesler	1914	J	480	2	Cy	D	4,252.6	+ 15.5	4-28-57	56	-	-	-	B.
19bca-1	Nehi Beverage Co. of Utah	1947	-	665	4	N	N	4,260	-	-	-	-	-	-	Well plugged.
19bca-10	A. M. Burton	1913	J	305	2	F	D	4,251.2	+ 15.3	3-13-58	56	-	-	-	B.
19bcd-24	A. M. Butcher	1939	J	285	2	F	D	4,252.8	+ 12.8	3-13-58	53	-	-	-	B.
19bda-7	P. B. Lewis	1916	J	450	2	F	D	4,262.7	+ 12.6	3-28-57	54	-	-	-	B.
19bdb-3	L. C. Wardrop	1915	J	250	2	F	D	4,253.4	+ 11.2	3-13-58	-	-	-	-	Formerly A. West well. B.
19bdc-17	H. C. Anderson	1947	J	250	2	F	D	4,258	+ 12.9	3-13-58	52	-	-	-	B.
19bdc-21	O. Wardle	1932	J	426	2	F	D	4,253.1	+ 14.5	3-28-57	-	-	-	-	Formerly L. W. Irish well. B, C.
19bdd-1	S. J. Lloyd	1915	J	500	4½	Cy	D	4,261.8	+ 14.1	3-28-57	53	-	-	-	B.
19cab-1	S. B. Fowler	1910	J	89	2	F	D	4,253.9	+ 3.4	6-29-56	-	-	-	-	Formerly Elton well. B.
19cab-14	B. L. Stanley	1927	J	180	2	F	D	4,254.8	+ 10.8	3-13-58	52	-	-	-	B.
19cad-5	H. Record	1921	J	490	2½	F	D	4,262.1	+ 16.2	3-13-58	57	-	-	-	B.
19ccb-17	I. Bland	1941	J	432	2	F	D	4,247	+ 18.5	3-13-58	56	-	-	-	B.
19cdb-17	M. Thompson	1922	J	500	2	F	D	4,251.5	+ 13.5	3-13-58	56	-	-	-	B.
19daa-2	E. H. Shill	-	-	140?	2	-	-	4,279.2	+ 3.5	3- 2-32	55	4f	-	9-30-31	C.
19dba-1	J. F. Rasmussen	1918	J	100	2½	F	N	4,277.2	+ 13.5	4-10-58	57	-	-	-	B.
19dbc-1	South Salt Lake City, Inc.	1956	P	955	16	T	M	4,262	(+)	8- 56	63	630p	-	8- 56	Casing perforated 574-689, 822-840 ft. L.
20aba-1	W. H. McIntyre Co., Keith O'Brien supply well	1952	P	360	10	-	Co	4,358	(+)	7- 52	-	600p 350f	50	7- 52 4- 53	Casing perforated 257-277, 309-355 ft.
20aba-1	W. H. McIntyre Co., Keith O'Brien return well	1952	P	168	8	-	R	4,358	-	-	-	-	-	-	Casing perforated 125-165 ft.
20bab-1	Snelgrove Ice Cream Co., supply well	1958	P	482	6	F,T	Co, Ir	4,328	+ 40.0	4- 1-58	61	120f	40	4- 58	Casing perforated 468-475 ft. C, L.
20bab-1	Snelgrove Ice Cream Co., return well	1958	P	152	6	N	R	4,328	- 28.4	4-15-58	-	-	-	-	Casing perforated 122-145 ft.
20cbc-1	W. Durtschi	1935	J	285	3	-	D	4,290.6	-	-	-	-	-	-	B, C.
20cca-2	L. Lund	1915	J	129	2½	F	D	4,292.3	+ 2.0	9-16-58	56	3f	-	9- 58	Well listed as (D-1-1)20cdc-4 in U.S. Geol. Survey Water-Supply Paper 1029. B, C.
29bcb-22	E. S. Dean	1900	J	250	2	F	D	4,285.3	+ 10.0	4-10-58	55	-	-	-	B.
29cbb-6	H. Van Dam	1903	J	300	2	F	D	4,282.0	+ 14.7	4-10-58	54	4f	-	6- 32	B.
29ccb	Phillips spring	-	S	-	-	-	N	-	-	-	-	-	-	-	C.
29cdc-8	Utah State Fish and Game Dept.	-	J	400	3	F	F	4,290	-	-	-	-	-	-	B, C.
29cdc-9	do	-	J	134	4	F	F	4,290	-	-	-	-	-	-	B, C.
30abd-6	L. L. Peck	1935	J	211	2½	F	D	4,261	+ 5.4	10-18-57	55	-	-	-	B.
30aca-23	C. R. Coles	1946	J	400	3	Cy, F	D, O	4,260	+ 11.2	3-12-58	54	-	-	-	B, C.
30bbc-1	F. Youngreen	1931	J	324	2	-	-	4,248.1	+ 19.2	3- 4-32	54	-	-	-	B, C.
30bbc-9	L. W. Aamodt	1932	J	285	2	-	-	4,250.1	+ 13.8	3- 4-32	53	-	-	-	B, C.
30bda-1	O. T. Sampson	1906	J	386	3	F	Ir	4,258.6	+ 10.8	3-12-58	59	-	-	-	B.
30bda-2	do	1906	J	168	2	F	Ir	4,258.9	+ 8.5	3-12-58	56	-	-	-	B.
30bda-6	G. A. Stoker	1944	J	130	2	Cy	D	4,255	+ 7.4	5- 6-57	-	-	-	-	B.
30cac-3	E. Roach	1923	J	247	2	F	D	4,254.3	+ 12.3	3-12-58	56	-	-	-	Formerly P. Rose well. B.
30ccd-10	E. Pinchin	1922	J	644	2	Cy, F	D	4,257.3	+ 12.3	3-13-58	61	-	-	-	Hydrogen sulfide odor. B, C.
30cda-10	Salt Lake County Water Conservancy District, 34th South well	1956	P	855	20, 16	Ts	M	4,263	- 5.9	2-18-57	-	240p	99	10- 56	Casing: 16-inch from 610 to 855 ft, perforated 611-850 ft. L.
30cdd-5	R. M. Flowers	1922	J	499	2	F	D	4,265.4	+ 6.8	3-28-57	53	-	-	-	B.
30cdd-7	R. Zumpano	1917	J	402	2	N	N	4,263.3	0.0	8-27-56	-	-	-	-	
30cdd-11	do	1900	J	150	2	F	D	4,264.4	+ 5.8	3-28-57	53	-	-	-	B.
30dca-5	S. Saxton	1949	J	402	2	F	D	4,258	+ 17.0	3-28-57	55	-	-	-	Formerly C. Averett well. Hydrogen sulfide odor. B.
30dcc-1	R. S. James	1931	J	499	2	F	S	4,264.8	+ 7.1	3-13-58	53	-	-	-	Hydrogen sulfide odor. B.
31aba-4	E. Carter	1931	J	417	2½	F	D	4,266.3	+ 16.2	3-13-58	55	-	-	-	Formerly R. Andrews well. B, C.
31aba-6	B. Moore	1931	J	550	2	F	D	4,264.4	+ 6.2	3-13-58	53	5.3f	-	7- 1-32	B.
31abb-5	K. Delap	1952	J	397	2	Cy	D	4,267	+ 1.7	3-28-58	54	-	-	-	B.
31baa-9	do	1946	J	353	2	Cy, F	D	4,266	+ 4.7	3-13-58	55	-	-	-	Hydrogen sulfide odor. B.
31baa-11	H. Zuckswert	1946	J	349	3	Cy, F	D	4,266	+ 7.4	3-13-58	52	-	-	-	B.
31bca-11	J. D. Edwards	1898	J	400	3	C	D	4,261.8	+ 10.9	3-13-58	54	-	-	-	B.
31caa-2	W. Sorensen	1888	J	320	3	Cy	D	4,268.8	+ 9.3	12-10-57	55	-	-	-	B.
31cad-4	do	1890	J	220	2½	-	-	4,269.2	+ 9.3	3- 4-32	54	-	-	-	B, C.
31cdd-6	F. West	1912	J	265	3	F	D	4,268.4	+ 15.8	3-13-58	55	-	-	-	B.
31dab-1	Granite School District	1910	J	-	2	-	-	4,278.9	-	-	-	-	-	-	B, C.
31dcb-4	V. M. Pye	1926	J	507	2	Cy	D	4,274.5	+ 6.5	7-17-58	54	-	-	-	B.
32bab-16	Salt Lake County Fish and Game Assn.	1910	-	298	3	-	-	4 278.3	+ 14.8	3- 2-32	59	40.8f	-	9-29-31	C.
32dcd-13	R. S. Lawrence	1952	J	190	2½	-	D	-	-	-	-	-	-	-	Original depth 63 ft. B, C.
(D-2-1)															
4bbd-1	A. C. Jensen	1947	P	220	6	-	-	4,330	- 3	4- 47	50	200p	17	4- 47	Casing perforated 210-220 ft.
4cab-2	O. J. Southerland	1932	J	179	2½	-	D	4,334.9	+ 16.7	3-12-58	52	-	-	-	B, C.
5aaa-1	M. L. Davis	1915	J	390	3	Cy	D	4,322.6	- 2.6	3-12-58	53	-	-	-	B, C.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level: Above (+) or below (-) land-surface datum (feet)	Water level: Date of measurement	Temperature (°F)	Yield: Quantity (gpm)	Yield: Drawdown (feet)	Yield: Date of measurement	Remarks and other available data
Cottonwoods district															
(C-1-1)															
36dcc	C. Fenning	-	J	-	2	F	-	4,252	+ 14.7	3-13-58	55	16f	-	3- 32	Formerly E. Piper well.
(C-2-1)															
1abc-1	B. T. Helm	1941	J	256	2	Cy	D	4,254.6	+ 14.4	3-13-58	56	10f	-	9- 58	B, C.
1ada-4	D. M. Thirsk	1915	J	360	2	N	N	4,277.5	- 5.1	3-13-58	-	-	-	-	Formerly S. O'Neil well. B.
1bab-2	C. S. Walters	1916	J	198	2	F	D	4,241.7	+ 15.9	3-13-58	55	-	-	-	B, C.
1cdb-2	W. Haslam	1925	J	249	2	F	D	4,252.8	+ 17.3	3-13-58	53	5f	-	10- 57	B.
1cdc-3	C. C. Jewell	1907	J	108	2½	F	D	4,257.6	+ 10.4	3-13-58	56	4f	-	10- 57	B.
12abc-3	A. Wood	1925	J	356	2	F	S	4,262.3	+ 4.7	12-10-57	56	-	-	-	Hydrogen sulfide odor. B, C.
12ada-1	American Smelting and Refining Co.	1900	J	82	2	F	N	4,274.0	+ 24.7	12-10-57	54	20f	-	9- 58	B, C.
12bab-4	F. Diamond	1915	J	255	2	Cy,F	D	4,250.9	+ 10.9	9-23-57	-	-	-	-	B.
12bac-1	K. Waki	1932	J	157	3½	F	Ir, O	4,256.6	+ 7.9	3-13-58	56	75f	-	10- 57	B, C.
23aaa-2	Cooperative Securities Corp.	1956	P	183	8	Ts	In	4,325	- 51	12- 56	-	200p	5	12- 56	Casing perforated 150-180 ft. C.
24adc-1	J. D. Blain	1895	J	160	2	N	O	4,344.0	- 24.7	3-13-58	55	-	-	-	B.
25abc-1	N. Endo	1949	P	232	8	T	Ir	4,360	- 60	4- 49	-	300p	60	4- 49	Casing perforated at 186 ft. L.
35add-1	A. Bills and Co.	1956	P	244	8	N	N	4,345	- 45.8	5-20-58	-	-	-	-	Casing perforated at 230 ft.
35ddd-3	Fur Breeders Agriculture Co-op.	1955	P	199	8	F,T	In	4,290	(+)	9- 55	-	75f	-	9- 55	Casing perforated 100-148, 170-195 ft. C.
36dba-1	I. Pearson	1905	-	200	4	N	N	4,376.4	- 68.2	3-25-57	57	-	-	-	
(D-1-1)															
31ccd-10	J. F. Miller	1948	P	156	6	-	-	4,260	+ 25	7- 48	-	100f	-	7- 48	Casing perforated 146-156 ft.
31dcc-2	Red Cedar Mill Co.	1906	J	400	3	F	S	4,270.7	+ 18.3	3-13-58	53	-	-	-	Formerly E. L. Madsen well. B, C.
31dcd-21	J. Hulse	1953	J	375	3	F	D	4,270	+ 20	9- 53	-	100f	-	2- 54	Casing perforated 365-375 ft. C.
32cdc-2	L. L. Hambleton	1909	-	185	4	F	F	4,278.5	+ 12.7	3- 2-32	55	68f	-	9-29-31	B, C.
(D-2-1)															
4bcc-1	D. O. Wright	1955	P	650	6	-	-	4,310	+ 55	1- 55	-	80f	-	1- 55	Casing perforated 632-645 ft. C.
5caa-2	A. C. Boyle	1929	J	650	3	N	N	4,316.0	- 19.7 - 23.1	11-30-32 3- 3-55	-	-	-	-	Formerly J. H. Evans well. B.
5daa-1	F. L. Burningham	1930	J	206	2	T	Ir	4,314.8	+ 19.4	12- 6-32	-	116f	-	12- 5-32	B.
5dca-2	Elysian Burial Gardens	1956	P	600	10	-	Ir	4,331	+ 4.7	4-22-57	-	-	-	-	Casing perforated 250-260, 280-330, 335-360, 460-470, 497-500, 580-597 ft. L.
6aaa-8	R. K. Tschaggeny	1900	J	285	2	F	D	4,286.0	+ 5.8	4-10-58	-	-	-	-	Formerly J. H. Evans well. B.
6bcd-2	W. C. Beckstead	1923	J	115	2	F	D	4,274.6	+ 13.4	3-13-58	54	8.5f 20f	-	8-26-31 9- 58	Formerly W. J. Brown well. B, C.
6cab-9	G. G. Woodhouse	1937	J	84	2	F	D	4,275.7	+ 15.5	3-13-58	54	-	-	-	B.
6dba-12	Rosehill Dairy, Inc.	1950	P	82	6	-	-	4,285	- 20	4- 50	-	50p	-	4- 50	
6dbb-12	C. B. Bloomquist	1898	J	85	2	F	D	4,268.9	+ 31.0	3-13-58	54	-	-	-	B, C.
6ddb-1	Salt Lake City Corp., 47th South and 6th East well	1934	P	433	15	N	N	4,272.1	-	-	-	-	-	-	Well plugged. Casing perforated 55-88, 118-125 ft.
7cab-2	Salt Lake County Fair Board	1948	P	137	8	-	-	-	+ 25	11- 48	-	278f	-	11- 48	Casing perforated 126-137 ft. C.
7cbd-1	American Smelting and Refining Co.	1902	-	64	8	-	-	4,283.6	+ 11.2	3- 5-32	54	-	-	-	C.
7cbd-2	do	1902	-	399	4	-	-	4,285.6	+ 7 + 20.9	1902 3- 5-32	54	400f	-	1902	C.
7cbd-4	Murray City Corp., Armory fountain well	1916	J	217	2	F	P	4,291.7	+ 16.5	3-13-58	55	10f	-	3- 58	B.
7cbd-5	R. Mortensen	1946	J	292	3	Cy	Ir	4,290	- .4	6-10-57	-	-	-	-	B.
7cdb-2	G. Page	-	-	399	4	-	-	4,300	-	-	-	-	-	-	
7dac-3	Gabriel Mark	1932	J	430	2	F	D	4,313.5	+ 29.8	8- 3-50	-	-	-	-	B.
7dac-6	Mark Bailey	1915	J	441	2	F	D	4,318.5	+ 40.1 + 29.0	6-10-32 8- 4-56	59	18f	-	6-10-32	B.
7dcd-7	H. Towers	1950	J	485	3	C	D	4,335	+ .4	8-13-56	-	-	-	-	B, C.
7dda-1	W. E. Williams	1929	J	460	3	F	D, O	4,323.1	+ 48.5	3-12-58	54	38f	-	10- 57	B, C.
7ddc-3	Salt Lake City Corp.	1926	J	79	3	-	-	4,301.0	-	-	-	-	-	-	B.
7ddd-2	Murray City Corp.	1926	J	90	3	-	-	4,309.1	+ 10.8	3- 5-32	52	49f	-	9-18-31	Formerly W. K. Baker well. B, C.
8aaa-1	R. Jacobs	1939	J	390	3½	F	D	4,310	+ 14.6	6- 4-58	53	-	-	-	B, C.
8abd-8	Salt Lake City Corp.	1929	J	188	3	F	-	4,302.5	+ 7.3	12-19-31	52	45f	-	7-15-33	Depth of well measured 7-15-33, 67 ft. B, C.
8adb-10	do	1931	J	179	3	F	-	4,312.3	+ 14.0	12-19-31	52	63f	-	7-14-33	B, C.
8adb-23	do	1934	-	198	15	-	M	4,312.0	(+)	12- 55	52	560f	-	12- 55	Casing perforated 0-163 ft.
8baa-1	do	1892	-	75	6	F	M	4,292.3	-	-	50	233f 86f 180f	-	2- 31 1- 32 7- 46	B.
8bab-1	do	1892	-	85	6	F	M	4,290.5	-	-	50	172f 155f 360f	-	2- 31 1- 32 7- 46	
8bad-1	do	1892	-	145	6	F	M	4,294.0	+ 12	7- 33	-	100f	-	7- 33	Casing perforated at 145 ft.
8cca-11	do	1922	J	183	3	F	-	4,313.5	+ 18.9	7-21-33	51	37f	-	7-21-33	B, C.
8cca-14	do	1946	P	184	6	F	M	4,313	-	-	50	240f	-	8- 46	
8ccc-10	Highlands Dairyman's Association	1953	P	736	10, 6	-	In	4,325	(+)	7- 53	-	100f	-	7- 53	Casing: 6-inch from 653 to 736 ft, perforated 653-661, 672-677, 690-697, 720-726 ft. C.
8ccd-7	Salt Lake City Corp.	1922	J	150	3	F	M	4,314.8	+ 14.6	7-21-33	-	100f	-	7-21-33	B, C.
8ccd-8	do	1922	J	86	3	F	M	4,316.0	+ 5.9	7-21-33	50	58f	-	7-21-33	B, C.
8ccd-19	do	1929	J	440	3	F	M	4,317.5	+ 42.2	3-28-57	53	26f	-	7-21-33	B, C.
8ccd-21	do	1929	J	215	4	F	M	4,319.6	+ 17.2	7-21-33	-	165f	-	7-21-33	B, C.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
Cottonwoods district - Continued															
(D-2-1)															
8ccd-23	Salt Lake City Corp.	1930	J	94	4	F	M	4,317.5	+ 4.0	7-21-33	52	55f	-	7-21-33	B, C.
8dba-1	R. E. Huffaker	1913	J	285	1½	N	O	4,348.2	- 7.8	3-12-58	53	-	-	-	B.
8ddd-1	R. Kano	1934	J	168	2	F	D	4,339.8	+ 13.7	3-12-58	52	-	-	-	Formerly D. B. Bagley well. B, C.
9aad	Brinton Springs	-	S	-	-	-	M	4,370	-	-	-	-	-	-	C.
9abc-2	J. R. Nichol	1924	J	96	3	-	-	4,343.6	+ 5.6	3- 4-32	52	53f	-	9- 6-32	B, C.
9aca-2	F. D. Brinton	1912	J	200?	3	F	D	4,346.3	+ 12.5	6- 4-58	55	10f	-	9-16-31	B.
9aca-3	do	1886	J	100?	2	J	D	4,346.3	- 2.1	3-12-58	53	-	-	-	B.
9add-1	Salt Lake City Corp., Big Ditch well	1934	P	500	20	N	N	4,372.5	+ 4	7- 34	57	900p	60	7- 34	Casing perforated 102-110, 170-202, 210-320, 378-430 ft.
9cba-1	R. J. Reynolds	1947	P	161	6	-	-	4,350	(+)	2- 47	-	200f	-	2- 47	Casing perforated 84-91, 151-161 ft.
9cbd-1	H. D. Bagley	1920	J	400	4	N	N	4,366.2	- 8.2	3-12-58	55	-	-	-	B.
9cdb-1	K. Bawden	1902	J	125	3	F	S	4,346.6	+ 3.9	3-12-58	52	17f	-	7-19-32	Formerly H. D. Bagley well. B, C.
9dcd-1	B. C. Mower	1929	J	250	3	Cy	-	4,370.4	- 5.0	2-19-57	53	11f	-	2-27-32	B.
9ddc-3	A. Quist	1914	J	175	3	F	N	4,376.9	+ 2.2	3-12-58	55	-	-	-	B.
10ccb-1	L. R. Meadows	1952	J	80	3	-	D	4,395	- 22.4	4-14-58	-	-	-	-	B.
14bbc-1	M. S. Sorensen	-	D	17	48	-	-	4,450	- 10.0	9-26-58	56	30p	-	9- 58	B, C.
14bbc-1	do	1955	P	132	8	-	-	4,450	- 61.5	4-14-58	62	300p	-	12- 55	Drilled well inside dug well. Casing perforated 83-100 ft.
14cbc	R. W. Madsen	1945	P	162	6	-	-	4,500	-	-	-	-	-	-	Casing perforated 137-162 ft.
15acc	M. A. Keyser	-	-	117?	4	N	O	4,450.0	- 67.6	6-24-58	-	-	-	-	
15cac-1	H. B. Paulsen	1954	P	171	8	-	-	4,450	- 75	1- 54	-	300p	-	1- 54	Casing perforated 105-171 ft. C.
16bad-1	Carl Fors	1900	-	500?	3	Cy	D	4,379.9	- 5.0	3-12-58	-	-	-	-	B.
16bba-1	Clearview Trout Farm	1955	P	285	12	F	F	4,350	(+)	7- 56	-	450f	-	7- 56	Casing perforated 150-208, 213-238, 248-255, 261-284 ft.
16bba-2	Metropolitan Water District, 54th South well	1956	P	610	20	F	N	4,350	(+)	8- 56	-	2,200p 637f	85	8- 56 8- 56	Casing perforated 258-310, 334-400, 486-504, 509-546, 549-559, 564-589 ft. C, L.
16bbb-1	L. A. Sdrales	1934	J	65	3	Cy	D	4,344.8	+ 5.8	5- 3-57	54	-	-	-	B.
16bbd-14	G. M. Bennett	1931	J	175	3	F	F	4,353.8	+ 1.5	3-12-58	52	83f	-	1931	Formerly D. G. Lunn well. B, C.
16bbd-16	Clearview Trout Farm	1928	J	150	3	F	F	4,355.7	+ 1.5	3-12-58	52	-	-	-	B.
16cb	Tanner Spring	-	S	-	-	-	-	4,365	-	-	-	-	-	-	C.
16cba-6	C. L. Tanner	1918	J	42	3	N	N	4,365.1	- 1.9	5- 2-57	53	-	-	-	B.
17bac-2	C. C. Gordon	1890	J	250	2	F	N	4,337	+ 8.9	5- 3-57	52	-	-	-	Formerly J. Sullivan well. B.
17bcc-7	M. L. Crabtree	1912	J	100	3	F	D	4,336.0	+ 10.2	3-12-58	52	-	-	-	B, C.
17bda-1	E. E. and J. O. Howe	1956	P	436	8	F	Ir	4,344	+ 19.3	4-10-58	-	200f	-	7- 56	Casing perforated 400-436 ft. C.
17cba-1	Earl Howe	1925	J	365	3	F	D	4,336.9	+ 13.3	3-12-58	54	-	-	-	Formerly V. Gillen well. B, C.
17cda	Murray City Corp.	-	J	101	3	-	-	4,357	-	-	-	-	-	-	C.
17cda-2	A. D. Ballard	1901	J	50	2	Cy	D	4,355.0	+ 3.9	6- 3-58	55	1.5f	-	7-20-32	B.
17cda-15	Murray City Corp.	1929	J	144	3	F	M	4,358.1	+ 1	3- 36	51	1f	-	3- 36	Casing perforated 139-144 ft. C.
17cda-38	do	1953	P	455	12	T	M	4,360	(+)	5- 57	-	200p	60	5- 57	Casing perforated 402-452 ft.
19aaa-3	A. J. Wilford	1950	P	250	6	-	-	4,360	- 20	4- 50	-	50p	-	4- 50	B.
19add-3	E. James	1909	J	25	2	Cy	N	4,394.0	- 16.4	12- 5-57	52	-	-	-	Depth of well measured 3-12-58, 20.0 ft. B.
20aaa-1	B. Stone	1898	D	23	36	N	N	4,390	- 14.9	12- 5-57	-	-	-	-	B.
20bdc-2	Murray City Corp., 64th South and 9th East well	1957	P	705	16	T	M	4,402	- 46.0 - 36.8	2-11-57 5- 2-57	-	2,000p	91	1- 57	Casing perforated 441-455, 472-475, 482-493, 502-525, 578-597, 600-614, 625-703 ft. L.
20cac-1	L. Walker	1944	J	121	3	J	D	4,405	- 32.6	3-12-58	-	-	-	-	B, C.
20daa-2	H. Walker	1933	D	14	48	N	N	4,410.4	- 6.2	8-23-55	-	-	-	-	Well filled with rocks. B.
20dad-1	H. T. Godfrey	1925	J	70	3	N	N	4,421.3	- 46.6	3-12-58	52	-	-	-	B.
21ccd-1	Murray City Corp., 13th East and 70th South well	1951	P	695	16	T	M	4,460	- 76	8- 51	55	600p	7	8- 51	Casing perforated 98-114, 154-225, 285-289, 315-324, 390-411, 477-478 ft.
22bba-1	Salt Lake City Corp., 62nd South well	1934	P	500	20	T	M	4,449.1	- 64.8	8-16-34	-	3,600p	54	8- 34	Casing perforated 100-124, 313-317, 320-354, 368-468 ft. C.
22cac-1	R. Whitmore	1949	P	184	8	T	In	4,520	-	-	-	-	-	-	Casing perforated 140-184 ft.
22cac-2	do	1949	P	193	12	T	In	4,520	-130	7- 49	-	-	-	-	Casing perforated 138-192 ft.
22cac-3	do	1953	P	200	8	T	In	4,520	-	-	55	-	-	-	Casing perforated at 135 ft. C.
22cda-1	do	1949	P	205	10	-	-	4,550	-	-	-	-	-	-	
22cdd-1	do	1948	P	335	8	-	-	4,570	-	-	-	-	-	-	
23bbd-4	O. V. Hansen	1951	P	146	8	-	-	4,580	-	-	-	50p	50	1- 51	Casing perforated 65-108 ft.
23bcb-1	R. W. Sims No. 1	1957	P	480	16	N	O	4,680	-258.2	6-11-58	-	1,200p	6	5- 57	Casing perforated 300-480 ft. C, L.
23bdc-2	R. W. Sims No. 2	1957	P	565	16	T	In	4,680	-230	7- 57	-	1,500p	25	7- 57	
23dbb-1	H. Auerbach	1932	P	201	12½	N	N	4,679	- 32.3	7-23-32	-	-	-	-	Casing perforated 48-120 ft.
25ac	Murray City Corp.	-	S	-	-	-	-	-	-	-	-	-	-	-	C.
28aac-2	V. B. Millard	1948	P	167	8	T	Ir	4,550	-	-	-	200p 100p	-	11- 48 8- 55	Casing perforated 147-(?) ft.
28abc-2	D. Nunley	1949	P	220	8	T	Ir, O	4,530	-144.2	3-12-58	55	35p	-	1- 49	Casing perforated 205-218 ft.
28acb-1	G. A. Peterson	1918	D	32	36	N	N	4,545.2	- 27.5	3-25-57	-	-	-	-	Well plugged May, 1957. B.
28ccc-1	Salt Lake County Water Conservancy District, 78th South well	1956	P	680	12	Ts	M	4,560	-184.9 -183.7	9-11-56 4- 1-58	53	1,000p 500p	15	8-22-56 9- 58	Casing perforated 515-530, 535-585, 592-678 ft. C, L.
28dda	G. P. Austin	1917	D	42	36	Cy	D	4,555	- 9.7	3-12-58	52	-	-	-	B.
29acb-1	Union and Jordan Irrigation Co.	1934	D, P	80	72, 12	T	Ir	4,467.5	- 16.3	3-31-57	-	-	-	-	
29acb-1	do	1958	P	500	12	T	M	4,470	-115	10- 58	54	675p	115	10- 3-58	Drilled well inside dug well. Casing perforated 455-468, 475-495 ft. C.
29add-2	H. V. Davis	1948	P	105	6	-	-	4,510	- 72	7- 48	-	-	-	-	Casing perforated at 95 ft.
29bdc-1	P & E Auto Service	1957	P	368	6	T	D	4,480	-110	2- 57	-	15p	-	2- 57	Casing perforated 337-(?) ft.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
Cottonwoods district - Continued															
(D-2-1)															
30abc-3	Ray Ahlstrom	1909	-	82	4	-	-	4,388.2	- 6 - 25	1909 4- 33	50	-	-	-	C.
32bba-2	E. N. Mork	1955	P	357	10	T	Ir	4,485	-100	9- 55	-	-	-	-	Casing perforated 205-210, 218-230, 333-342 ft. C.
32bbb-1	J. L. Johnson	1953	P	285	6	T	Ir,O	4,475	- 88.8	3-12-58	-	70p	-	8- 55	Casing perforated at 140 ft.
33abd-1	E. W. Hansen	1930	D	14	48	N	N	4,582.1	- 11.4	3-12-58	-	-	-	-	B.
33add-2	West Side Water System	1946	P	275	8	T	M	4,640	-	-	-	-	-	-	Casing perforated 242-274 ft. C.
33add-3	do	1956	P	301	12	Ts	M	4,640	-242	9- 56	52	805p	12	9- 56	Casing perforated 264-300 ft. C.
33dca-1	Jordan School District	1955	P	630	12	N	N	4,690	-	-	-	670p	10	11- 55	Water that spills into well at 237 ft from perched aquifer interferes with water-level measurements. Draws and expels air. Casing perforated 245-503 ft.
34acb-1	Salt Lake City Corp., Little Cottonwood well	1934	P	325	15, 12	N	O	4,637.4	-237	12- 51	-	1,125p	56	2- 34	Casing perforated 271-291 ft.
34dbb-1	Happy Valley, Inc.	1958	P	700	16	T	Ir	4,670	-278.4	6-23-58	-	2,950p	27	4-16-58	C, L.
(D-3-1)															
2ccc-1	Metropolitan Water District, 94th South well	1955	P	1,007	24	N	O	5,000	-519.2	3-11-58	57	490p	82	10- 55	Casing perforated 525-990 ft. C, L.
5bda-1	Midvale City Corp., Hancock well	1948	P	600	12	T	M	4,570	-205	4- 48	55	800p 800p	12	4- 48 9- 58	Casing perforated 486-510, 555-579, 584-600 ft. C.
5bda-2	Midvale City Corp.	1956	P	650	16	Ts	M	4,595	-214	8- 56	-	1,150p	-	8- 56	Casing perforated 395-648 ft. L.
5cdc-1	S. Jones	1920	D	18	48	N	N	4,550	- 7.4	3-11-58	-	-	-	-	Well depth measured 1957, 10.0 ft. B.
6bad-1	Sandy City Corp.	1953	P	442	16	T	M	4,475	-127	6- 58	-	1,300p	61	6- 53	Casing perforated 280-298, 320-395, 405-410 ft. C, L.
6cba-1	Sandy City Corp., Mingo Smelter well	-	-	1,230	12, 8	-	M	4,465	-131	10- 54	-	800p	69	10- 54	Formerly D. E. Greenwood well. Casing: 8-inch from 430 to 1,230 ft, perforated 240-420 ft.
7caa-2	G. Smith	1931	Dr	-	3	-	D	4,495	-106.6	10-10-33	-	-	-	-	B, C.
7ccd-1	Lake Hills, Inc.	1956	P	218	12	T	Ir	4,430	- 39.2	5-20-58	59	-	-	-	C.
8aba-1	A. C. Melville	1954	P	575	16	T	M	4,615	-238.7	1-27-59	-	425p	65	5- 54	Casing perforated 243-531 ft. C.
8acc	M. K. White	1959	P	350	16	N	N	4,550	-150	3- 59	55	1,100p	-	3- 59	C.
8baa-3	L. D. Webster	1955	J	214	3, 1	N	O	4,575	-161.6	3-11-58	54	-	-	-	B.
8caa-1	M. K. White	1955	P	657	16	Ts	M	4,548	-	-	-	990p	65	4- 55	Water that spills into well from perched aquifer at 140 ft interferes with water-level measurement. Casing perforated 160-171, 588-598 ft. C, L.
12	Beaverpond Spring	-	S	-	-	-	-	-	-	-	-	-	-	-	C.
12ac	Murray City Corp.	-	S	-	-	-	-	-	-	-	-	-	-	-	C.
12acd-1	Sandy City and Midvale City	1941	P	150	13	T	M	4,280	-	-	-	-	-	-	C.
12adc-1	do	1941	P	75	13	T	M	5,290	- 3	5- 41	55	150p	25	5- 41	Casing perforated 26-56, 69-71 ft. C.
12b	North Despain Spring	-	S	-	-	-	-	-	-	-	-	-	-	-	C.
12bca	Granite Spring	-	S	-	-	-	-	5,200	-	-	-	-	-	-	C.
14bcc-1	Valley Investment Co.	1955	P	270	16, 12	N	N	4,820	-	-	-	-	-	-	Water that spills into well from perched aquifer at 90 ft interferes with water-level measurement. Draws and expels air. Abandoned 1958.
Southeast district															
(C-3-1)															
12ccb-1	A. W. Harrison	1900	J	118?	3	F	O,S	4,321.5	+ 28.0	3-10-58	69	2.3f	-	9-11-31	B, C.
(C-4-1)															
2ddb-1	Utah State Board of Correction, State Prison well	1954	P	825	10	N	N	4,430	- 45	3- 54	83	60p	150	3- 54	Casing perforated 309-340 ft. Well abandoned 1954. C, L.
11ad	Crystal Hot Spring	-	S	-	-	-	-	4,455	-	-	137	-	-	-	C.
11ccc-1	L. Jackson	1954	R	132	6	-	D	4,460	+ .5	3- 54	-	-	-	-	Casing perforated 105-132 ft. C.
15dad-1	Draper Irrigation Co.	1954	P	157	6	J	Co	4,500	- 74.4	5-20-58	-	-	-	-	Casing perforated 135-(?) ft. C.
22ada	Camp Williams; Jordan and Salt Lake City Canal, "Cold Spring"	-	S	-	-	-	-	4,460	-	-	58	300f	-	7- 58	C.
23bcc	East Jordan Canal Co., "Hot Spring"	-	S	-	-	-	-	4,460	-	-	73	80f	-	7- 58	C.
23dbb-1	Salt Lake Valley Sand & Gravel Co.	1959	P	262	16	-	In	4,495	- 53.1	4-29-59	58	960p	.5	4- 59	Casing perforated 60-134, 152-182, 199-205 ft. C, L.
(D-3-1)															
17bcc-1	L. A. Christensen	1953	J	168	3	N	O	4,540	-122.0	3-11-58	54	-	-	-	B.

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level: Above (+) or below (-) land-surface datum (feet)	Water level: Date of measurement	Temperature (°F)	Yield: Quantity (gpm)	Yield: Drawdown (feet)	Yield: Date of measurement	Remarks and other available data
Southeast district - Continued															
(D-3-1)															
18cba-1	Sandy City Corp.	1958	P	1,150	16, 12, 10	N	N	4,413	- 70.3	1-15-59	82	1,280p	47	1-16-59	Hydrogen sulfide odor to water from 500 ft. Casing: 12-inch from 350 to 741 ft, 10-inch from 741 to 1,150 ft, perforated 400-473, 544-580, 585-603, 630-640, 752-767, 780-810, 860-868, 941-958, 978-983, 1,012-1,020, 1,023-1,030, 1,045-1,068, 1,135-1,150 ft. Maximum temperature from surface to: 100 ft... 70°F 800 ft... 90°F 400 ..... 87 1,025 ..... 95 500 ..... 87 1,093 ..... 95 600 ..... 90 C, L.
20acc-1	H. I. Paul	1957	P	350	12	N	N	4,580	-161.6	3-11-58	-	318p	47	10- 57	Casing perforated 189-238 ft. L.
22bcb-1	McDonald Brothers, Inc.	1954	P	667	16, 12	N	N	4,760	-	-	-	-	-	-	Casing: 12-inch from 241 to 655 ft. No perforations. L.
29abc-1	S. B. Logan	1957	P	168	6	T	D	4,590	-118	8- 57	-	-	-	-	Casing perforated 145-150 ft. C.
30dcb	Samuel Day	-	D	10	36	-	-	4,435	- 3.1 - 8.6	3-14-32 11-13-35	-	-	-	-	B, C.
West Slope district															
(C-1-1)															
30ddc-1	S. W. Bawden	1923	J	55	2	F	D	4,265.0	+ 2.3	3-10-58	54	13f	-	9-16-31	Hydrogen sulfide odor. B, C.
31abb-3	J. M. Grant	1946	J	55	2	-	D	4,277	- 5	10- 58	-	-	-	-	B.
32bbb	Hunter sewer trench	1958	D	13	-	C	N	4,273	- 12	10- 58	-	250p	-	10- 58	Excavation for sewer line. C.
(C-1-2)															
19dcc-3	Webster School	1941	P	240	6, 4	N	N	4,275	- 36	8- 41	-	30p	-	8- 41	Casing: 4-inch from 228 to 240 ft, perforated at 230 ft.
28cdd-1	Charles Knaus	1920	J	127	2½	Cy	D	4,368.2	-	-	-	-	-	-	B, C.
29bc	Pasternak	-	D	-	-	-	-	4,300	-	-	-	-	-	-	C.
29bca-3	Cyprus School	1941	P	127	6, 4	N	N	4,300	- 56	8- 41	60	32p	-	8- 41	Casing: 4-inch from 94 to 127 ft, perforated 94-127 ft. Well plugged 1941.
30abb-1	Pleasant Green Water Co.	1914	D	120	48	-	-	4,280	-110	3- 33	-	-	-	-	B, C.
30ddd-1	Theodore Ek	1910	P	214	6	N	N	4,445	-198.2	8-18-58	-	-	-	-	Well depth measured in 1958, 202.1 ft. B.
35ada-2	J. Ferro	1929	D	64	2	J	D	4,330.2	-	-	-	-	-	-	B, C.
36abb-5	Sarah Day	1949	J	265	2	F	D	4,290	+ 18.6	8-20-57	60	-	-	-	Hydrogen sulfide odor. B, C.
36abc-1	Martin Perry	1929	J	153	2	F	D	4,303.5	+ 30.2	3-10-58	60	-	-	-	B, C.
36abc-6	W. Smith	1956	J	125	2	F	D	4,315	+ 24.5	10-29-58	60	-	-	-	B.
36acd-1	Ezra Day	1930	J	150	2	F	D	4,331.5	+ 23.9	10-29-58	65	-	-	-	B.
36add-1	O. P. Mathews	1929	J	160	2	F	D	4,317.7	-	-	-	-	-	-	Wells (C-1-2)36add-1 and 2 are on common discharge line. Water level 10-30-58, +21.5 ft. B.
36add-2	do	-	J	410	1½	F	D	4,318.0	-	-	-	-	-	-	
36baa-5	J. W. Nielson	1953	J	148	2	F	D	4,296	+ 31.8	10- 8-57	59	-	-	-	B.
36bbc-1	T. J. Evans	1908	-	50	3	F	S	4,316.4	+ 16.0	10-29-58	58	5f	-	10- 57	
(C-2-1)															
4bbc-2	Valley School	1948	P	922	6, 4	T	P	4,325	- 43.5	5-21-58	-	500p	-	8- 58	Casing: 4-inch from 150 to 922 ft, perforated 138-142(?) ft. Plugged 150 to 922 ft. Water level measured by air line. L.
4dbc	Gravel pit	-	S	-	-	-	N	4,315	-	-	68	60f	-	8- 58	C.
6abc-4	Winder Dairy	1947	P	440	8	T	In	4,390	- 85	4- 47	-	65p	200	4- 47	Casing perforated 290-307, 388-405 ft. C, L.
7ccc-1	Kearns Improvement District	1942	P	919	12	T	N	4,630	-157.1	3-19-46	62	375p	208	3-22-48	Casing perforated 258-895 ft. C, L.
10cbb	Gravel pit	-	S	-	-	-	N	4,310	-	-	-	-	-	-	C.
15dda-1	H. Wight	1907	J	150	2	F	N	4,285.4	+ 15.1	10- 8-55	-	30f	-	10- 55	B.
27cac-1	West Jordan School	1957	P	310	10	T	P	4,380	- 14	11- 57	-	175p	136	11- 57	Casing perforated 150-165, 190-195, 253-269, 273-275 ft.
27ddc-1	D. R. Bateman	1911	J	235	2	-	-	4,349.8	+ 5.1	3- 6-33	57	-	-	-	B, C.
30cda-1	H. Cooley	1934	D	40	48	N	N	4,625	- 30.6	12-23-57	-	-	-	-	B, C.
32dca-1	R. H. Goff	1933	D	163	48	Cy	D	4,520.5	-	-	-	-	-	-	B, C.
32dda-1	U.S. Army	1943	-	244	8	N	N	4,490	-130	7- 43	-	320p	-	7- 43	L.
34acb	West Jordan sewer trench	1958	D	12	-	Cy	N	4,368	- 11	8- 58	60	30p	-	8- 58	Excavation for sewer line. C.
34bcd-1	Utah-Idaho Sugar Co.	1933	P	1,397	12, 10	T	In	4,397.6	- 27	9- 33	-	234p	133	9- 33	Casing: 10-inch from 346 to 1,397 ft.
34dda-1	H. C. Gardner	1922	J	380	3	Cy	D	4,348.3	- 20.3	3-10-58	56	-	-	-	B, C.
34dda-2	do	1920	J	65	3	F	S	4,348.2	+ 10.8	3-10-58	51	5f	-	8- 58	B, C.
(C-2-2)															
1aaa-1	M. Rasmussen	1908	-	220	4½	J	D	4,405.8	+ .3	10-30-58	58	-	-	-	
5aac	Bacchus gravel pit spring		S	-	-	-	N	4,600	-	-	68	30f	-	8- 58	One of several springs. C.
8adb-1	Hercules Powder Co.	1934	P	500	16	N	N	4,870.0	-109.2	6- 6-36	-	66p	115	10- 34	
8baa-2	do	-	-	173	6	N	N	4,856	-	-	-	-	-	-	C.
8baa-3	do	-	-	295	6	N	N	-	- 66.1	6- 6-36	-	-	-	-	C.
9bca-1	do	1936	P	526	10	T	N	4,850	-105.6 -126.6	6- 6-36 4-24-58	-	430p 100p	160	5- 36 11- 58	C.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level: Above (+) or below (-) land-surface datum (feet)	Water level: Date of measurement	Temperature (°F)	Yield: Quantity (gpm)	Yield: Drawdown (feet)	Yield: Date of measurement	Remarks and other available data
West Slope district - Continued															
(C-2-2)															
9bdb-1	Hercules Powder Co.	1939	P	515	10	T	N	4,850	- -131.2	- 4-24-58	56	158p 145p	225	1939 11- 58	C.
24aaa-1	O. Peterson	-	D	113	36	-	-	4,643.6	- 92.4	10-25-35	-	-	-	-	B, C.
25bcc	F. M. Wood	-	D	149	48	N	N	4,800	-144.0	12-23-57	-	-	-	-	B.
(C-3-1)															
2adb-1	Utah Power and Light Co.	1957	P	221	8	J	D	4,293	(+)	4- 57	-	80f	-	4- 57	Casing perforated 156-181, 187-196 ft. Also used for fire protection.
4ddd-1	E. Iff	-	-	-	2	-	D	4,468.1	-	-	-	-	-	-	B, C.
6dbc-2	Denver and Rio Grande Western RR. Co.	1909	P	120	10	J	D	4,670	- 52.4 - 48.6	4-23-32 4-21-58	-	-	-	-	C.
9ccc-1	M. and J. Tateoka	1955	P	472	12	T	Ir	4,593	-	-	57	1,350p 1,008p	12 -	4- 55 8-13-58	Casing perforated 190-471 ft. C, L.
15bda-1	South Jordan Pipeline Co.	1913	-	358	6	N	N	4,478.3	-	-	-	-	-	-	C.
15bda-2	do	-	P	360	8	T	N	4,475	-	-	-	-	-	-	Drilled about 1936. C.
15cad-1	L. M. Dodd	1901	-	238	3	N	N	4,450.0	- 39.4	3-31-56	-	-	-	-	Debris in well at 37 ft. B.
15dda-1	J. Jensen	-	J	-	3	F	D,O	4,394.0	+ 14.9 + 19.3	3-10-58 12- 8-58	55 54	-	-	-	B, C.
15ddd-1	B. H. Beckstead	1900	J	185	3	F	S	4,391.2	+ 22.5	12- 8-58	51	-	-	-	B.
18abc	Evaporating ponds	-	S	-	-	-	N	4,750	-	-	-	-	-	-	Seepage from evaporating ponds. C.
21abb-1	B. L. Magers	1933	J	216	3	Cy	D	4,515.9	- 93.8	8-18-55	-	-	-	-	B.
26cad-1	F. Bagley	-	J	-	3	-	-	4,333.2	+ 24.2	12- 1-46	57	5f	-	8-24-31	B, C.
26cdb-1	E. Nielsen	-	-	180?	3	-	-	4,335.3	+ 13.9	12- 7-32	57	3f	-	8-24-31	B, C.
27cdd-1	J. R. Dansie	1921	J	220	3	N	O	4,434.2	- 11.8	3-11-58	54	-	-	-	B.
30aba-1	Provo Reservoir Water Users Co. No. 1	1956	P	700	16	T	Ir, O	4,683	- 76.6	3-10-58	54 57 58	900p 726p 505p	112	8- 56 10- 7-57 8-14-58	Casing perforated 73-496 ft. C, L.
30acd-1	Provo Reservoir Water Users Co. No. 2	1957	P	420	16	T	Ir, O	4,687	- 28.6	3-10-58	- 55	380p 297p	- 80	5- 57 8-13-58	C.
31dcd-3	E. W. Hamilton	1954	P	625	16	T	Ir	4,692	-130	3-11-58	-	1,300p 578p	118	2- 54 8-12-58	Casing perforated 138-200, 231-615 ft. Water level measured by air line. C.
32abb-1	M. P. Jensen	1930	-	144	3	C, F	D	4,600.5	- 8.8 - .9	8-10-32 8-18-55	-	-	-	-	Formerly F. H. Peterson well. B, C.
32abc-1	H. M. Seal	1949	-	154	4	-	-	4,600	- 80	7- 49	-	-	-	-	B.
32cad-2	D. Seal	1921	-	218	4	N	N	4,599.9	-136.9	3-11-58	54	-	-	-	B.
32cdc-1	Town of Riverton	1954	P	670	12	T	M	4,612	-	-	-	-	-	-	Casing perforated 530-633 ft. C, L.
32dcc-1	E. L. Maynard	1954	P	447	12	T	Ir	4,598	-144.5	3-26-57	55 55	840p 725p	- 24	10-10-57 8-12-58	Casing perforated 155-171, 176-447 ft. C.
(C-3-2)															
5aac-1	Kennecott Copper Corp. No. 2	1947	-	1,200	20	-	M	5,302	- 87	5- 47	52	422p	235	5- 47	Began drilling well in 1944, completed 1947. Open hole from 922 to 1,200 ft. C, L.
5acb-1	Kennecott Copper Corp. No. 3	1945	-	1,274	20, 12, 10	-	M	5,367	-139	7- 45	46	520p	173	7- 47	Casing: 12-inch from 600 to 948 ft, 10-inch from 948 to 1,219 ft. Open hole from 1,219 to 1,275 ft. C.
5adb-1	Kennecott Copper Corp. No. 1	1945	-	1,200	20	N	N	5,320	-147.6	10-29-58	-	-	-	-	C.
8ccd-1	L. A. Christensen	1937	-	270	6	-	D	5,460	-175	5- 37	-	5p	-	5- 37	
8cdc-2	Continental Oil Co.	1953	-	220	6	Ts	D	5,440	-179	8- 53	-	-	-	-	Casing perforated 200-210 ft.
16abd-1	G. B. Robbe	1937	-	215	6	-	-	5,175	-195	5- 37	-	-	-	-	Casing perforated at 195 ft.
26ccc-1	J. S. Butterfield	1954	P	300	12	T	Ir	4,990	-200	12- 54	54	387p	50	8-12-58	Casing perforated 200-295 ft. C.
27bdd-1	U.S. Smelting, Refining and Mining Co.	1945	-	355	6	-	-	5,045	-110	12- 45	-	240p	35	12- 45	Casing perforated at 120 ft.
28cac-1	do	1937	-	230	8	-	N	5,260	-162	7- 37	-	80p	-	7- 37	Well abandoned November, 1947
29acc-1	do	1942	-	325	15	-	-	5,430	-123	6- 42	-	25p	125	6- 42	Casing perforated 130-300 ft. L.
29dac-1	do	1945	-	200	8	-	-	5,400	-	-	-	-	-	-	Flow 0.5 gallon per hour, Nov., 1955. Casing perforated at 190 ft.
32baa-1	J. A. Dumont	1956	R	360	4	J	D	5,480	- 65.4	4-15-57	-	-	-	-	Casing perforated 140-360 ft.
32dbc-1	Herriman Irrigation Co.	1950	P	190	12	N	-	5,420	- 13 - 6.5	11- 50 1-27-59	-	50p	47	3- 50	Casing perforated 45-50, 58-73 ft. L.
34daa-1	Herriman Pipeling and Development Co.	1955	P	615	12	T	Ir, M	5,020	-135	4- 55	-	-	-	-	Casing perforated 180-483 ft. C, L.
35bdc-1	R. I. Bowles	1954	P	269	8	T	Ir	4,980	-158	4- 54	- 54	430p 266p	67	4- 54 8-12-58	Casing perforated 230-265 ft. C.
(C-4-1)															
5ccb-1	Federal Land Bank of Berkely	1919	-	185	6	N	N	4,660.2	-141.3	3-12-32	-	-	-	-	C.
5cdd-1	J. P. Butterfield	1945	P	193	6	-	-	4,660	-170	4- 45	-	-	-	-	Casing perforated 190-193 ft.
6acb-1	E. R. Hamilton	1955	P	577	16	T	Ir	4,715	-130	3-11-58	60	600p 183p	104	3- 55 8-12-58	Water level measured by air line. C, L.
6adc-1	J. P. Butterfield	1955	P	355	12	T	Ir	4,690	-119 -122	3-26-57 7-22-58	58 58	320p 260p	114	6- 55 8-12-58	Casing perforated 125-130 ft. Water level measured by air line. C.
8abc-1	L. R. Hatch	1954	P	500	12	J	D	4,662	-115.5 -121.2	10-15-27 3-11-58	-	-	-	-	Casing perforated 190-500 ft.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
West Slope district - Continued															
(C-4-1)															
10acb-1	Nichols	1949	D	16	48	Cy	D	4,380	- 10.5	12-23-57	-	-	-	-	B.
10bdd-1	M. Lewis	1920	D	50	60	J	D	4,426.0	- 35.5	3-12-32	-	-	-	-	B, C.
									- 26.6	8-28-58					
22add	Camp Williams, Railroad Spring	-	S	-	-	-	P	4,460	-	-	70	30f	-	7- 58	C.
26cba	Lower Beef Hollow Spring	-	S	-	-	-	N	4,580	-	-	60	30f	-	8- 58	C.
27dcd	Camp Williams, Upper Beef Hollow Spring	-	S	-	-	-	P	4,800	-	-	55	20f	-	7- 58	C.
Northwest Lake Plain district															
(B-1-1)															
5ddd-1	C. F. and E. Gillmore	1896	-	1,000	6	F	D	4,214	+ 12.6	8-26-58	83	150f	-	8- 58	Well number is (B-1-1)5ddd-3 in U.S. Geol. Survey Water-Supply Paper 1029. Discharges methane gas. C.
6cca-1	Rudy Gun Club	1913	J	315	2	F	D	4,210.5	+ 19.1	3- 7-32	71	12f	-	2-28-36	Discharges methane gas. B, C.
									+ 18.5	12-18-59	70	10f	-	8- 58	
9aba-1	E. J. Jeremy	-	J	300	2	F	D	4,211.3	+ 2.7	8-26-58	67	3f	-	8- 58	Discharges methane gas. B, C.
19baa-3	do	-	J	490	2	F	-	4,219.9	+ 8.4	3- 3-32	66	8f	-	10-10-31	Discharges methane gas. B, C.
19baa-5	do	-	J	645	2	F	-	4,220.0	+ 23.6	3- 7-32	73	17f	-	5- 3-32	Discharges methane gas. B, C.
19bab-1	do	-	J	645	2½	F	-	4,224.4	+ 23.1	5- 3-32	74	58f	-	5- 3-32	Discharges methane gas. B, C.
21dba-2	A. B. Nebecker	1918	J	300	2	F	D	4,216.5	+ 1.9	3- 7-32	60	15f	-	8- 31	Discharges methane gas. Well number is (B-1-1)21dba-1 in U.S. Geological Survey Water-Supply Paper 1029. B, C.
									+ 2.9	8-26-58	64	10f	-	8- 58	
27cdd-3	L. W. Allsop	1900	J	500	2	F	-	4,214.2	+ 15.1	3- 1-32	60	-	-	-	Formerly State of Utah well. B, C.
27dcb-2	A. D. Miller	1927	J	234	2	F	-	4,215.2	+ 5.9	3- 1-32	56	4f	-	11- 4-31	B, C.
33cda-1	Salt Lake City Corp.	1908	J	650	2	F	-	4,220.6	+ 12.2	12-17-58	-	-	-	-	Airport well. B.
(B-1-2)															
15bcb-2	C. Gillmore	1920	J	300	2	F	D	4,213.0	+ 15.1	9-24-32	-	5f	-	9- 32	B, C.
									+ 11.3	8-19-58	67	5f	-	8- 58	
25cad	(No name)	-	S	-	-	-	-	4,220	-	-	84	-	-	-	2.5 miles northwest of Salt Lake airport. C.
31aad-1	E. J. Jeremy	1920	J	400	2	F	D	4,216.9	+ 13.8	3- 9-32	63	23f	-	11-13-31	B, C.
36baa-1	do	-	J	464	2	F	D,O	4,223.6	+ 9.8	3-12-58	83	29.1f	-	10- 9-31	B, C.
												30f		8- 58	
(B-1-3)															
34bcb-1	Morton Salt Co.	1934	P	860	8, 6	F	In	4,200	+ 22.5	2-28-36	79	350p	-	2-28-36	Casing: 6-inch from 170 to 860 ft, perforated 672-872 ft. Specific capacity of 8 gpm per foot of drawdown calculated from flow of 160 gpm.
												160f			
(B-2-2)															
35cdc-1	Lakefront Gun Club	1920	J	-	2	F	D	4,207.8	+ 20.5	9-21-32	72	9f	-	10- 9-33	C.
									+ 25.5	8-26-58	80	35f		8- 58	
(C-1-1)															
9aab-1	J. Skola	1914	J	350	2	F	D	4,223.5	+ 5.0	3-10-58	57	20f	-	10- 57	B.
9aab-2	do	1914	J	250	2	F	-	4,223.7	+ 4.8	8-18-58	57	-	-	-	B, C.
15abb-1	C. S. Davis	1910	J	158	2	F	D	4,227.8	+ 1.8	3-10-58	53	2f	-	3- 58	B.
15abb-2	E. M. Davis	1927	J	138	2	Cy, F	D	4,229.3	+ 4.9	3- 1-32	56	8f	-	9-30-58	B, C.
15bdd-11	J. Britsche	1940	J	445	2	F	N	4,230	+ 13.7	3-10-58	56	20f	-	10- 57	Hydrogen sulfide odor. B, C.
18bba-1	State of Utah	1895	J	315	2½	-	-	4,240	+ 2.3	10-15-41	68	-	-	-	B, C.
18ddd-1	L. W. Sudbury	-	J	400	2	F	Ir	4,239.6	(+)	8- 58	72	60f	-	8- 58	B, C.
18ddd-2	S. A. Sudbury	1912	J	577	2	F	D,O	4,239.2	+ 11.3	3-10-58	70	30f	-	8- 58	Hydrogen sulfide odor. B, C.
19aab-1	L. J. Starika	1947	J	535	3	-	-	4,240	-	-	-	-	-	-	B, C.
21dcb-1	Quince Kimball	1906	-	145	2	F	S	4,247	+ 7.3	8- 9-58	64	-	-	-	B, C.
22ada-3	Redwood Garden Water Co.	1955	P	450	12	F	N	4,230	+ 10.9	8- 9-56	-	100f	-	7- 55	Casing perforated 275-292, 296-302, 315-335, 342-344, 365-385, 395-405, 411-(?) ft. C, L.
22ada-4	D. Pattee	1929	J	210	2	F	N	4,230	+ 10.4	3-28-56	54	20f	-	10- 56	B.
22bda-1	W. Gedge	1906	J	325	2	F	D	4,239.2	+ 8.1	8- 8-55	-	-	-	-	B, C.
22cda-2	Salt Lake County Recreation Dept.	1952	P	345	6	-	P	4,238	-	-	-	-	-	-	Casing perforated 315-330 ft. C.
26cc	Jordan Meat & Livestock Co.	-	-	375	4	-	In	4,235	-	-	-	-	-	-	C.
27dac-2	G. H. Fisher	1904	J	600	1½	F	D	4,258.5	+ 2.1	3-10-58	61	-	-	-	B.
27dac-4	L. B. Wiley	1954	J	308	2	-	-	4,250	-	-	-	-	-	-	B, C.
27dda-2	N. Olsen	1926	J	110	2	-	-	4,243.7	+ 3.5	7-16-41	-	-	-	-	B, C.
27dda-6	S. L. Dial	1945	J	583	3	-	-	4,240	-	-	-	-	-	-	B, C.
27dda-8	Granger-Hunter Improvement District	1958	P	775	16, 12	F,T	M	4,235	+ 25.5	5-26-58	70	427f	25	5-12-58	Casing: 12-inch from 362 to 775 ft, perforated 670-675, 690-702, 745-760 ft. C, L.
28cdd-1	E. M. Hill	1926	J	303	2	F	D	4,252.7	+ 17.9	5-11-32	57	15f	-	8-19-31	B, C.
28dbb-2	N. K. Johnson	1940	J	400	2	Cy, F	D	4,246	+ 5.1	3-10-58	59	-	-	-	B, C.
33abb-1	W. D. Hill	1925	J	425	2	F	D,O	4,250.4	+ 16.2	3-10-58	58	-	-	-	Hydrogen sulfide odor. B, C.
34cdc-2	D. Christensen	1951	J	105	2	F	D	4,265	+ 16.7	3-10-58	56	-	-	-	Hydrogen sulfide odor. B, C.
34dda-1	E. Tomasini	1929	J	435	3	F	D	4,264.4	+ 9.3	4-25-58	60	-	-	-	B, C.

Table 1.--Records of selected wells and springs in the Jordan Valley - Continued

Well or spring number	Owner or user	Year drilled	Type of well	Depth of well (feet)	Diameter of well (inches)	Method of lift	Use of water	Altitude of land-surface datum (feet)	Water level		Temperature (°F)	Yield			Remarks and other available data
									Above (+) or below (-) land-surface datum (feet)	Date of measurement		Quantity (gpm)	Drawdown (feet)	Date of measurement	
Northwest Lake Plain district - Continued															
(C-1-2)															
5bbb-1	Morton Salt Co.	1929	J	660	3	-	N	4,209.2	+ 20.3	3- 9-32	64	48f	-	9-25-31	Well depth measured 12-26-35, 601 ft. C.
6aaa-1	do	1949	J	760	4	F	N	4,210	-	-	-	-	-	-	C.
6aaa-3	do	1956	J	825	6	F	In	4,210	+ 14	7- 56	70	150f	-	7- 56	Used for fire protection.
6aaa-4	do	1957	J	1,150	4	F	In	4,212	+ 14.4	8-15-58	72	100f	-	7- 57	Used for fire protection. C, L.
8ddd-1	Utah Copper Co.	1915	J	120	3	F	N	4,218.0	+ 12.7	11- 8-32	60	7f	-	11- 8-32	B, C.
									+ 7.4	8-22-58	60				
9ddc-1	Snow	-	J	400?	2	F	N	4,220	+ 8.6	11- 8-32	57	6f	-	11- 8-32	B, C.
12daa-1	L. Fox	1910	J	411	2	F	D	4,237.8	+ 11.5	3- 8-32	71	21f	-	10- 8-31	B.
12daa-2	Pioneer Stake Ridgeland Farm, Latter Day Saints Church	1947	R	432	4	F	Ir	4,235	+ 13	3- 47	71	20f	-	3- 47	Casing perforated 385-395 ft.
									+ 10.5	8-28-58	75				C, L.
19bdd-1	Utah Copper Co.	1935	P	333	20	N	N	4,235	- .7	4- 2-40	-	1,700p	83	10- 35	Casing perforated 144-290 ft. L.
19dad-1	do	1932	J	175	3	-	-	4,239.6	+ 15.4	3-23-48	-	-	-	-	B, C.
20bcd-1	do	1931	J	126	2½	F	-	4,231.9	+ 12.2	3- 9-32	55	18f	-	9-23-31	B, C.
20cbc-1	do	1932	J	163	3	F	P	4,237.0	+ 7.1	3-10-58	55	-	-	-	B, C.
21adb-1	Kennecott Copper Corp.	1948	P	524	20	T	In	4,225	+ 25	8- 49	64	919p	78	9- 49	Casing perforated 380-416 ft. Plugged from 422 to 524 ft. L.
												321f		9- 49	
22acc-1	W. E. Marshall	1932	J	150	4	N	N	4,233.3	-	-	-	-	-	-	Plugged. C.
22bcd-4	J. Vagenas	1944	J	183	2	F	D	4,229.6	+ 13.5	3-10-58	61	60f	-	10- 57	B, C.
22bdc-3	do	1912	J	237	2	F	S	4,232.2	+ 3.5	4-30-57	57	-	-	-	B, C.
22bdc-6	do	1944	J	163	3	F	D	4,230	+ 16.7	3-10-58	59	-	-	-	B.
22bdd-4	W. E. Marshall	1885	J	35	1½	F	S	4,233.3	+ 4.1	3-10-58	56	30f	-	10- 57	B, C.
22cbb-1	F. Fowler	-	J	110	2	F	N	4,229.7	+ 11.2	3-10-58	58	25f	-	10- 31	B, C.
22dcc-3	H. A. Barton	1898	J	99	3	F	F	4,236.9	+ 5.1	3-10-58	57	40f	-	8- 58	B, C.
23cdc-9	Magna Public Improvement District	1956	P	126	8	F	M	4,250	-	-		-	-	-	
23cdc-10	do	1957	P	150	8	F	M	4,250	+ 10	5- 57	-	-	-	-	L.
23cdd-8	K. W. Young	1900	J	105	2	Cy, F	D	4,245	+ 1.7	3-10-58	69	-	-	-	B, C.
23cdd-17	do	1957	J	140	3	F	Ir	4,245	+ 3.5	8- 5-58	71	60f	-	8- 58	B, C.
23ddb-2	A. King	1890	J	150	2	F	D	4,242.5	+ 1.8	3-10-58	63	3f	-	8- 58	B, C.
23ddc-1	J. Courtright	1914	J	107	2	Cy, F	D	4,246.1	+ 2.6	3-10-58	65	30f	-	8- 58	B, C.
26bab-1	F. Schroeder	1940	J	156	3	F	Ir	4,245.2	+ 1.5	3-10-58	65	-	-	-	B, C.
27	Magna Water Co.	1953	P	70	-	-	M	-	-	-	-	-	-	-	C.
27	do	1953	P	70	-	-	M	-	-	-	-	-	-	-	C.
27abc-1	S. J. Denny	1931	J	155	3	F	D	4,249.4	+ .9	12- 4-58	57	5f	-	8- 58	B, C.
(C-1-3)															
15bca-1	Kennecott Copper Corp. No. 5 well	1955	P	810	20	T	In	4,220	-	-	-	2,700p	32	2- 55	Casing perforated 481-509, 521-540, 546-569, 583-805 ft. L.
15bdc-1	Kennecott Copper Corp. No. 4 well	1937	P	524	20	T	N	4,224	+ 9.8	10- 6-39	62	2,000p	-	11- 37	Casing perforated 374-512 ft. C.
15cac-1	Kennecott Copper Corp. No. 7 well	1955	P	585	20	T	In	4,221	-	-	-	2,500p	32	3- 55	Casing perforated 352-376, 431-574 ft.
15cbb-1	Kennecott Copper Corp. No. 6 well	1955	P	702	20	T	In	4,224	-	-	-	2,480p	13	6- 55	Casing perforated 555-695 ft.
15cbd-1	Kennecott Copper Corp. No. 3 well	1937	P	193	20	T	In	4,229	+ 10	8- 37	61	1,540p	69	9- 37	Casing perforated 154-185 ft. C.
												250f		9- 37	
												130f		4- 42	
15dbb-1	Kennecott Copper Corp. No. 2 well	1937	P	520	20	T	In	4,227	+ 11	10- 37	64	3,000p	55	10- 37	Specific capacity of 118 gpm per foot of drawdown calculated from flow of 1,300 gpm. Casing perforated 352-506 ft. C.
												1,300f		10- 37	
15dbd-1	Kennecott Copper Corp. No. 1 well	1937	P	437	20	T	In	4,229	+ 7	9- 37	64	450f	-	9- 37	Casing perforated 226-253, 268-418 ft. C.
												3,000p	103	9- 37	
17dcb-1	American Smelting and Refining Co., Asarco well	1955	P	502	20	T	In	4,220	-	-	85	3,000p	4	7- 55	Casing perforated 150-250, 280-480 ft. C, L.
(C-2-1)															
2abc-1	Meadowbrook Golf Course	1949	P	240	10	T	Ir	4,240	-	-	-	-	-	-	Casing perforated 47-60, 71-85, 125-135, 219-240 ft.
2baa-1	do	1949	P	275	8	T	Ir	4,240	-	-	-	-	-	-	
2bcc-2	J. C. Phillips	-	J	355	2	F	D	4,255	+ 5.2	4-23-58	55	-	-	-	B, C.
2ddd-1	J. C. Tuft	1955	J	273	2	F	S	4,265	+ 5.5	3-13-58	58	-	-	-	B.
10abd-1	D. Thomander	1895	J	180	4	-	-	4,292.4	- 13.1	3- 6-33	53	-	-	-	B, C.
10bad-1	E. B. Lindsay	1895	J	175	2½	N	N	4,298.4	- 5.2	12- 4-57	54	-	-	-	B.
11bad-1	G. Boam	1952	J	273	3	-	D	4,275	-	-	-	-	-	-	B, C.
12bba-2	D. Harker	1901	J	125	2	F	D	4,248.7	+ 13.8	10-17-57	54	-	-	-	B.
12bba-5	Ray Tapp	1955	J	132	3	F	Ir	4,245	+ 17.5	12-10-57	55	-	-	-	B.
12bbb-2	E. E. Hofeling	1940	J	273	2	F	D	4,253	+ 9.8	3-12-58	57	-	-	-	B.
12bbb-4	D. I. Gardner	1955	J	700	3, 2	F	D	4,250	+ 12.2	4-23-58	57	-	-	-	Casing: 3-inch to 450 ft and 2-inch to 700 ft, perforated at 450 and 700 ft. C.
12bbb-6	West Side Water Co.	1957	P	499	10	C,F	M	4,250	+ 20.5	3-13-58	58	852p	197	9- 57	Casing perforated 473-499 ft. C, L.
												200f		9- 57	

Table 2.--Selected drillers' logs of wells in the Jordan Valley

Altitudes are in feet above sea level for land surface at well.

Thickness in feet. Depth in feet below land surface.

East Bench district

	Thickness	Depth
(D-1-1)4adc-1. Log by J. S. Lee and Sons. Alt. 4,820 ft.		
Boulders	35	35
Clay and gravel	75	110
Boulders	3	113
Clay, sandy	5	118
Boulders	2	120
Clay, sandy	6	126
Clay and gravel	12	138
Conglomerate	4	142
Clay and gravel	17	159
Boulders	12	171
Clay and gravel	37	208
Conglomerate	9	217
Clay	3	220
Clay and gravel	23	243
Boulders	17	260
Clay and gravel	72	332
Conglomerate	11	343
Boulders	4	347
Conglomerate	4	351
Boulders	6	357
Conglomerate	4	361
Clay and gravel; water	5	366
Clay and gravel	78	444
Clay	6	450
Clay and gravel	81	531
Conglomerate	62	593
Clay and gravel	33	626
Clay	2	628
Clay and gravel	33	661
Conglomerate	14	675
Clay and gravel	20	695
Conglomerate	55	750
(D-1-1)4cac-2. Log by Roscoe Moss Drilling Co. Alt. 4,670 ft.		
Topsoil	3	3
Clay, gravel, and boulders	207	210
Clay, and coarse gravel	26	236
Clay and very coarse gravel	30	266
Sand, gravel, and cobbles to 4 inches in diameter	32	298
Sand, gravel, and cobbles to 8 inches in diameter; tight	50	348
Sand, gravel, cobbles to 8 inches in diameter, and tight conglomerate	32	380
Conglomerate	20	400
Clay and very coarse gravel	4	404
Conglomerate	12	416
Sand, gravel, and cobbles up to 3 inches in diameter; tight	22	438
Clay, gravel, and cobbles to 3 inches in diameter	14	452
Sand, gravel, and boulders	14	466
Clay, gravel, and cobbles to 3 inches in diameter	4	470
Clay, gravel, cobbles to 8 inches in diameter, and conglomerate	30	500
Conglomerate	10	510
(D-1-1)9bab-1. Log by Robinson Drilling Co. Alt. 4,630 ft.		
Soil	3	3
Rocks and boulders	10	13
Gravel	3	16
Boulders	4	20
Boulders and yellow clay	25	45
Rocks and boulders	7	52
Clay, yellow and boulders	18	70
Boulders	10	80
Boulders and yellow clay	5	85
Boulders	5	90
Boulders and yellow clay	75	165
Boulders	10	175
Gravel; water	20	195
Boulders	10	205
Boulders and yellow clay	10	215
Gravel; water	20	235
Clay, yellow	45	280
Boulders and fine sand	25	305
Boulders and yellow clay	5	310
Hard sandy rock	5	315
Conglomerate	23	338
Gravel; water	7	345
Clay, yellow	10	355
(D-1-1)9bab-1 - Continued.		
Gravel; water	22	377
Clay, red	23	400
Gravel; water	10	410
Sand, hard	20	430
Conglomerate	7	437
Gravel with clay streaks	8	445
Conglomerate	18	463
Clay, yellow	7	470
(D-1-1)10acc-1. Log by Hy Peterson. Alt. 4,800 ft.		
Topsoil	4	4
Gravel	14	18
Clay, yellow, sandy	62	80
Hardpan and gravel	22	102
Clay, yellow, and boulders	33	135
Clay, yellow	37	172
Hardpan and boulders; water	15	187
Clay, yellow, and boulders	41	228
Bedrock, red	37	265
(D-1-1)26ddc-4. Log by Robinson Drilling Co. Alt. 4,880 ft.		
Topsoil	7	7
Clay, brown	52	59
Clay and gravel	2	61
Sand; dry	5	66
Clay, brown	4	70
Sand and gravel	12	82
Sand, fine	2	84
Sand and gravel	56	140
Clay, brown	48	188
Clay and gravel	2	190
Sand and gravel; water	5	195
Gravel and clay	5	200
Sand and gravel	35	235
Gravel and clay	5	240
Clay, brown	5	245
Sand and gravel	10	255
Sand	28	283
Clay and gravel	2	285
Sand, hard	18	303
Clay and sand	12	315
Clay and gravel	25	340
Clay, grey	4	344
Sand and gravel	4	348
Clay and gravel	13	361
Clay, brown	15	376
Sand rock	2	378
Clay, grey and gravel	8	386
Sand and grey clay	10	396
Sand rock	9	405
Sand, gravel, and clay	5	410
Clay, yellow and gravel	10	420
Clay, brown and gravel	8	428
Clay, grey and gravel	12	440
Sand rock	8	448
Clay, sand, and gravel	15	463
Hard rock	1	464
Clay, brown and gravel	21	485
Clay, brown	10	495
Clay, red	20	515
Clay, grey	30	545
Clay, red	20	565
Clay, grey	30	595
Rock	2	597
Clay, red	3	600
(D-1-1)28cbb-2. Log by J. S. Lee and Sons. Alt. 4,415 ft.		
Top fill	5	5
Clay and boulders	10	15
Clay, red	33	48
Gravel; little water	3	51
Clay	6	57
Gravel	18	75
Clay	5	80
Gravel; water	14	94
Clay	10	104
Clay, sandy	31	135
Gravel; water	4	139
Clay and gravel	66	205
Sand	13	218
Gravel; water	3	221
Clay	31	252
Gravel; water	8	260
Clay	30	290
(D-1-1)28cbb-2 - Continued.		
Sand	4	294
Clay	16	310
Gravel; water	4	314
Clay and gravel	16	330
Gravel; water	5	335
Clay	5	340
Gravel; water	5	345
Clay	2	347
Gravel; water	7	354
Clay	6	360
Gravel; water	3	363
(D-1-1)33aad-1. Log by Robinson Drilling Co. Alt. 4,520 ft.		
Clay	6	6
Gravel and boulders	34	40
Clay and boulders	50	90
Gravel and boulders	25	115
Clay	5	120
Gravel	10	130
Clay, red	10	140
Gravel	5	145
Clay and gravel	20	165
Gravel	50	215
Clay, red	20	235
Gravel; water	60	295
Boulders and clay	10	305
(D-1-1)35cdc. Log by J. S. Lee and Sons. Alt. 4,720 ft.		
Boulders	55	55
Clay, gravel, and cobbles to 4 inches in diameter	8	63
Boulders	19	82
Clay and gravel	34	116
Boulders	19	135
Rocks and clay	25	160
Conglomerate	20	180
Clay, red, and gravel	13	193
Rock and clay	12	205
Clay and gravel	71	276
Clay, brown	7	283
Rocks and clay	71	354
Clay, brown, sandy	14	368
Gravel; water	22	390
Sand, fine	24	414
Gravel	21	435
Conglomerate	15	450
Gravel	5	455
Conglomerate	5	460
Gravel	10	470
Conglomerate	5	475
Gravel	5	480
Sand, fine	5	485
Gravel, large	5	490
Gravel, fine	8	498
Gravel, fine, and some sand	32	530
(D-1-1)36bac-1. Log by J. S. Lee and Sons. Alt. 5,080 ft.		
Topsoil	10	10
Clay	18	28
Boulders	10	38
Boulders and clay	62	100
Clay and gravel	5	105
Gravel; water	31	136
Clay and gravel	29	165
Shale and gravel	20	185
Shale, red	45	230
(No log)	20	250
Shale, red	40	290
(No log)	30	320
(D-2-1)3abc-1. Log by Hy Peterson. Alt. 4,560 ft.		
Clay	2	2
Boulders	62	64
Sand and clay	25	89
Clay, sandy	4	93
Gravel and clay	8	101
Sand, gravel, and clay	43	144
(No log)	3	147
Sand and gravel	41	188
Sand; water	2	190
Gravel, coarse	11	201
Sand, coarse, yellow	4	205
Gravel, coarse; water	11	216
Sand, clay, and gravel	4	220

Table 2.--Selected drillers' logs of wells in the Jordan Valley - Continued

East Lake Plain district

	Thickness	Depth
(A-1-1)31cac-1. Log by Roscoe Moss Drilling Co. Alt. 4,400 ft.		
Sand and gravel	26	26
Clay, sand, and gravel	8	34
Clay	6	40
Sand and gravel, tight	100	140
Sand, coarse, and gravel	30	170
Sand and gravel, cemented	6	176
Sand, coarse, gravel, and cobbles to 6 inches in diameter	40	216
Clay, sand, and gravel	15	231
Sand and gravel, some boulders to 12 inches in diameter	58	289
Clay, sand, and gravel	7	296
Clay	14	310
Sand and coarse gravel	8	318
Clay and gravel	6	324
Sand, gravel, and cobbles to 6 inches in diameter	17	341
Clay, sand, and gravel	9	350
Clay	30	380
Gravel, coarse, and cobbles to 6 inches in diameter; some sand	20	400
Clay, sand, and gravel	8	408
Sand and coarse gravel	12	420
Clay, sand, and gravel	44	464
(A-1-1)31ccc-2. Log by J. S. Lee and Sons. Alt. 4,335 ft.		
Clay and boulders	39	39
Clay, blue	31	70
Clay, brown	19	89
Clay, brown, sandy	16	105
Clay and gravel	9	114
Conglomerate	32	146
Boulders and gravel	16	162
Conglomerate	8	170
Boulders and gravel	60	230
Clay, brown	8	238
Conglomerate	4	242
Clay, brown	8	250
Conglomerate	10	260
Clay, blue	16	276
Gravel, cemented	22	298
Conglomerate	57	355
Clay and gravel	28	383
Gravel and sand; water	7	390
(B-1-1)36bac-29. Log by J. S. Lee and Sons. Alt. 4,225 ft.		
Topsoil	3	3
Clay, black	42	45
Clay, blue	30	75
Sand and gravel	45	120
Gravel; water	55	175
Clay with gravel	5	180
Sand and gravel; water	35	215
Sand, fine	5	220
Gravel; water	63	283
Sand	17	300
Gravel; water	20	320
Clay and gravel	50	370
Conglomerate	20	390
Gravel; water	10	400
(C-1-1)2bac-1. Log by Robinson Drilling Co. Alt. 4,222 ft.		
Topsoil	2	2
Clay, sandy	7	9
Quicksand; some water	11	20
Clay, blue, sandy	70	90
Quicksand; some water	55	145
Clay, grey, sandy	20	165
Sand, fine	28	193
Clay, grey, sandy	7	200
Clay, grey	135	335
Sand, fine; some water	20	355
Clay, grey	15	370
Sand, fine; water	15	385
Clay, grey	9	394
Sand, fine; water	21	415
Sand, coarse and fine gravel; water	25	440
Clay, grey	187	627
Clay, grey, sandy	25	652
Sand, coarse and fine gravel; water	13	665
Clay, sandy	22	687
Sand, coarse and fine gravel; water level dropped 220 feet at this interval	10	697
Clay, sand and fine gravel	30	727
Clay, grey	20	747
(No log)	3	750
(C-1-1)12bdb-1. Log by J. S. Lee and Sons. Alt. 4,227 ft.		
Topsoil	20	20
Muck; methane gas	113	133
Sand	34	167
Clay and sand	36	203
Sand	16	219
Clay	5	224
Clay, sandy	46	270
Clay, blue, and sand	100	370
Clay	35	405
Clay and sand	4	409
Clay	5	414
Sand	25	439
Clay and sand	34	473
Sand	12	485
Clay and sand	62	547
Clay	65	612
Sand and clay	4	616
Sand; water?	4	620
Clay	55	675
Sand and clay	31	706
Sand and fine gravel	32	738
Clay, blue	162	900
Clay, blue with some gravel	10	910
Gravel, fine	10	920
Sand	13	933
Sand and fine gravel	197	1,130
Clay	31	1,161
Sand	2	1,163
Clay	5	1,168
Shale	2	1,170
(C-1-1)25caa-2. Log by J. S. Lee and Sons. Alt. 4,240 ft.		
Fill	3	3
Clay, grey, sandy	78	81
Hardpan	4	85
Sand	15	100
Clay	45	145
Sand	10	155
Clay	15	170
Sand	20	190
Clay	25	215
Sand	5	220
Sand and clay	75	295
Sand	5	300
Clay	30	330
Sand	3	333
Clay, red, sticky	22	355
Sand and clay	15	370
Clay, red	54	424
Sand, fine and clay	8	432
Pea gravel	13	445
Quicksand	10	455
Clay	2	457
Quicksand	13	470
Clay, greenish	8	478
Quicksand	7	485
Clay, blue	2	487
Sand	10	497
Clay, blue	33	530
Sand and gravel	15	545
Clay	20	565
Quicksand; water	5	570
Clay with sand lenses	25	595
Gravel; water	5	600
Clay and gravel	25	625
Conglomerate	10	635
Gravel; water	6	641
(C-1-1)25cca-2. Log by Eldon Comer. Alt. 4,238 ft.		
Clay, blue	91	91
Clay with sand	18	109
Clay, blue	11	120
Clay, brown	11	131
Clay, sandy	95	226
Clay with gravel; water	26	252
Clay with sand streaks	68	320
Sand, coarse	13	333
Clay	27	360
Clay, brown, sandy	19	379
Sand	11	390
Clay, brown	20	410
Sand and clay	25	435
Sand, fine	15	450
Conglomerate	13	463
Gravel and clay	6	469
Sand	21	490
Clay and sand	45	535
Clay, blue	23	558
Sand and clay	26	584
Gravel, fine, sand, and clay	40	624
Clay	24	648
(C-1-1)25cca-2 - Continued.		
Sand and fine gravel	21	669
Gravel, cemented	5	674
Clay, gray, sticky	16	690
Clay, brown	20	710
(C-1-1)35caa-2. Log by J. S. Lee and Sons. Alt. 4,254 ft.		
Topsoil	2	2
Clay, blue, sandy	23	25
Clay, blue	35	60
Clay, blue, sandy	42	102
Clay, blue	4	106
Clay, blue, and gravel	14	120
Quicksand	19	139
Sand and gravel; water	10	149
Gravel and clay; water	54	203
Clay, blue; water	5	208
Sand and gravel; water	11	219
Clay, sticky, and gravel	11	230
Clay, blue, and gravel	30	260
Gravel and clay; water	10	270
Clay, blue	13	283
Conglomerate	7	290
Clay, grey	20	310
Conglomerate	35	345
Clay, grey, and gravel	42	387
Gravel; water	7	394
Conglomerate	8	402
Clay, sticky, and gravel	46	448
Conglomerate; water	7	455
Sand; water	7	462
Clay, grey	22	484
Sand, fine	13	497
Clay, grey	13	510
Conglomerate, sandy	15	525
Sand, fine	45	570
Clay, blue	20	590
Sand	20	610
Clay, blue	31	641
Clay and gravel	14	655
Gravel; water	14	669
Conglomerate	13	682
Clay, brown	8	690
Conglomerate	9	699
Clay, grey, sticky	7	706
Conglomerate	19	725
Gravel, loose	11	736
Conglomerate	9	745
Clay, grey	5	750
(C-1-1)36add-4. Log by J. S. Lee and Sons. Alt. 4,260 ft.		
Topsoil	2	2
Sand	26	28
Clay, blue	57	85
Sand	4	89
Clay, blue	14	103
Sand; water	7	110
Clay, blue	25	135
Sand	6	141
Clay	8	149
Hardpan	15	164
Clay, blue	21	185
Gravel; water	16	201
(D-1-1)6bbb-1. Log by Cox and Clarkson. Alt. 4,330 ft.		
Surface fill; boulders and debris	45	45
Clay, dark blue	50	95
Sand, gravel, and boulders; water	25	120
Clay and gravel	15	135
Sand, gravel, and boulders; water	75	210
Sand, coarse and gravel; water	25	235
Clay, gravel, and boulders	26	261
Sand, coarse and gravel; water	18	279
Clay, blue, sticky, impervious	91	370
Clay and gravel; alternating	70	440
(D-1-1)6cbb-1. Log by J. S. Lee and Sons. Alt. 4,270 ft.		
Sand, gravel, and clay	24	24
Clay, blue	41	65
Gravel; gas	4	69
Clay, blue	29	98
Gravel	3	101
Clay, brown	32	133
Gravel	2	135
Clay	12	147
Hardpan	10	157
Clay, brown	32	189
Gravel; water	4	193

Table 2.--Selected drillers' logs of wells in the Jordan Valley - Continued

East Lake Plain district - Continued

	Thickness	Depth
(D-1-1)6cbb-1 - Continued.		
Clay, brown	11	204
Clay, blue	93	297
Clay, red	26	323
Conglomerate	12	335
Clay, brown	55	390
Clay, blue	25	415
Conglomerate	10	425
Clay, blue, sticky	16	441
Conglomerate	14	455
Clay, blue, sticky	10	465
Conglomerate	9	474
Sand and gravel	2	476
Clay, blue, sticky	19	495
Clay	4	499
Conglomerate	5	504
Clay, grey	61	565
Clay, blue	58	623
Gravel; water	20	643
Clay, blue	3	646
Gravel; water	5	651
Clay, blue	2	653
Gravel	12	665
Conglomerate	15	680
Gravel and clay	20	700
(D-1-1)6ddb-1. Log by J. J. O'Brien. Alt. 4,280 ft.		
Topsoil	5	5
Clay, sandy	20	25
Sand, coarse and fine and gravel; water	12	37
Clay, sandy	3	40
Gravel and clay	31	71
Clay, sandy	11	82
Gravel, coarse; water	2	84
Clay	3	87
Clay and fine gravel	3	90
Sand, coarse; water	6	96
Clay	17	113
Clay and gravel; hard	3	116
Clay	8	124
Sand; water	3	127
Clay, sandy	49	176
Boulders and clay; hard	4	180
Clay, blue, sandy	7	187
Hardpan	10	197
Clay, blue, soft	11	208
Sand, coarse; water	3	211
Clay, sandy; soft	34	245
Clay and gravel	5	250
Sand, coarse; water	4	254
Clay, sandy; soft	51	305
Clay	17	322
Clay and gravel	8	330
Clay, sandy	36	366
Clay, hard	5	371
Clay, blue, soft	14	385
Clay, blue, sandy	20	405
Clay, varicolored	63	468
Clay, hard	32	500
Clay, soft	28	528
Sand, coarse and gravel; water	18	546
Sand; water	3	549
Boulders and clay	1	550
(D-1-1)19bba-20. Log by J. E. Kilpack. Alt. 4,250 ft.		
Clay	20	20
Sand	10	30
Clay	42	72
Sand	16	88
Clay	16	104
Gravel	9	113
Clay	5	118
Gravel	10	128
Hardpan	4	132
Sand	8	140
Gravel	10	150
Clay	47	197
Gravel	13	210

	Thickness	Depth
(D-1-1)19bba-20 - Continued.		
Clay	47	257
Sand	6	263
Gravel	22	285
Clay sand	10	295
Gravel	5	300
Clay sand	23	323
Clay	15	338
Hardpan	3	341
Gravel	4	345
Clay	8	353
Gravel	4	357
Clay	82	439
Gravel	5	444
Clay	31	475
Sand	25	500
Gravel	3	503
Clay	9	512
Gravel; water	6	518
(D-1-1)19dbc-1. Log by Robinson Drilling Co. Alt. 4,762 ft.		
Soil	2	2
Clay, yellow	18	20
Clay, blue	8	28
Gravel, fine with small amount of clay	2	30
Clay, blue	48	78
Clay, blue and gravel	19	97
Gravel, fine	2	99
Clay, blue and gravel	6	105
Gravel; water	28	133
Clay, yellow and gravel	27	160
Gravel	5	165
Clay, yellow with small amount of gravel	40	205
Clay, blue	35	240
Gravel	15	255
Gravel and clay	5	260
Clay, blue	5	265
Clay, yellow and gravel	40	305
Gravel, coarse	17	322
Clay, yellow	26	348
Gravel	6	354
Clay, yellow and gravel	6	360
Clay, yellow	3	363
Clay, blue	7	370
Clay, blue and gravel	7	377
Clay, blue	13	390
Gravel	15	405
Clay, yellow	22	427
Gravel, cemented	6	433
Clay, blue	27	460
Gravel	25	485
Clay, yellow	5	490
Sand and gravel with clay streaks	15	505
Gravel	4	509
Clay, brown	16	525
Sand and gravel with clay streaks; water	10	535
Gravel with clay streaks	25	560
Clay, blue with some gravel	14	574
Gravel, cemented	11	585
Clay, grey and fine gravel	10	595
Clay, grey	10	605
Gravel, cemented	7	612
Clay, grey	3	615
Clay, blue	10	625
Clay, blue with some gravel	5	630
Sand, fine	10	640
Gravel and blue clay	17	657
Clay, blue	4	661
Gravel and clay	6	667
Clay, blue	3	670
Gravel	2	672
Clay, blue	17	689
Gravel, fine and sand	9	698
Clay, yellow	4	702
Clay, blue	100	802
Gravel, fine	5	807

	Thickness	Depth
(D-1-1)19dbc-1 - Continued.		
Clay, brown	15	822
Clay, yellow and gravel	18	840
Gravel, fine	20	860
Clay, brown	10	870
Clay, blue	15	885
Clay, blue with gravel	9	894
Clay, blue	4	898
Sand, fine	7	905
Clay, brown	7	912
Sand	5	917
Clay	6	923
Sand	6	929
Clay, red	1	930
Sand	18	948
Clay, red	2	950
Clay, grey	5	955
(D-1-1)20bab-1. Log by Robinson Drilling Co. Alt. 4,328 ft.		
Fill and surface gravel with yellow clay	5	5
Gravel, coarse with yellow clay	10	15
Gravel, fine with yellow clay	17	32
Clay, blue, sandy, soft	10	42
Gravel, fine and blue clay	13	55
Gravel, coarse; water	25	80
Clay, blue	40	120
Gravel, coarse	34	154
Clay, blue with gravel	6	160
Clay, yellow	23	183
Gravel, coarse	4	187
Clay, yellow with gravel	24	211
Rock, red and grey mixed with sandstone	30	241
Clay, yellow	11	252
Clay, yellow and gravel	21	273
Gravel, fine	7	280
Gravel, fine, cemented	13	293
Clay, yellow	37	330
Gravel, coarse	7	337
Clay, blue, soft	22	359
Gravel, coarse	43	402
Clay, brown	8	410
Clay, brown and green	20	430
Clay, blue	38	468
Gravel, coarse	7	475
Sand, coarse	5	480
Clay, brown	2	482
(D-1-1)30cda-10. Log by J. S. Lee and Sons. Alt. 4,263 ft.		
Clay	65	65
Clay and sand	3	68
Gravel and clay	7	75
Clay and sand	55	130
Gravel	2	132
Gravel and clay	69	201
Sand and gravel	14	215
Clay and gravel	15	230
Conglomerate	3	233
Gravel and sand	8	241
Clay and gravel	77	318
Conglomerate	5	323
Clay and sand	12	335
Conglomerate	3	338
Clay	2	340
Conglomerate	15	355
Clay	21	376
Clay and gravel	152	528
Sand and gravel	10	538
Clay and gravel	38	576
Sand	7	583
Clay and gravel	107	690
Sand	7	697
Clay and gravel	15	712
Sand, coarse	11	723
Clay and gravel	72	795
Clay	15	810
Clay and gravel	45	855

Cottonwoods district

	Thickness	Depth
(C-2-1)25abc-1. Log by Robinson Drilling Co. Alt. 4,360 ft.		
Topsoil	2	2
Clay	8	10
Sand	47	57
Sand and gravel	3	60
Sand and fine gravel	52	112
Clay	26	138
Clay and fine gravel	19	157
Gravel, fine	6	163
Clay and fine gravel	17	180
Gravel, fine	52	232

	Thickness	Depth
(D-2-1)5dca-2. Log by J. S. Lee and Sons. Alt. 4,331 ft.		
Clay, brown	19	19
Clay, brown, sandy	21	40
Clay, blue	50	90
Gravel	44	134
Clay and gravel	26	160
Sand	25	185
Clay	5	190
Gravel	13	203
Clay, brown and gravel	20	223
Sand, brown	10	233

	Thickness	Depth
(D-2-1)5dca-2 - Continued.		
Gravel; water	7	240
Clay, blue and gravel	8	248
Clay, brown and gravel	2	250
Gravel	10	260
Clay, brown and gravel	20	280
Gravel	50	330
Clay, sandy	5	335
Gravel	25	360
Clay, blue, sticky	20	380
Sand, fine	10	390
Clay, blue	62	452

Table 2.--Selected drillers' logs of wells in the Jordan Valley - Continued

Cottonwoods district - Continued

	Thickness	Depth
(D-2-1)5dca-2 - Continued.		
Sand, coarse	3	455
Clay, sticky	5	460
Gravel	10	470
Clay	27	497
Gravel	3	500
Clay	80	580
Gravel	17	597
Sand, fine	3	600
(D-2-1)16bba-2. Log by Roscoe Moss Drilling Co. Alt. 4,350 ft.		
Topsoil	4	4
Sand, gravel, and cobbles to 3 inches in diameter	24	28
Clay, sand, and coarse gravel	15	43
Clay, blue with some gravel and boulders	17	60
Gravel	28	88
Gravel and some cobbles to 5 inches in diameter	17	105
Clay, yellow	33	138
Clay, blue	50	188
Sand, gravel and small boulders	58	246
Clay and boulders	12	258
Sand and very coarse gravel	52	310
Clay, grey	24	334
Clay and gravel	26	360
Sand, gravel and cobbles to 5 inches in diameter	40	400
Clay, blue	86	486
Sand and very coarse gravel	18	504
Clay, yellow	6	510
Sand and very coarse gravel	24	534
Sand, gravel, and cobbles to 3 inches in diameter	12	546
Clay, yellow	4	550
Sand, gravel, and cobbles to 6 inches in diameter	10	560
Clay, yellow	4	564
Sand, gravel and tight clay	26	590
Clay, yellow and some gravel	20	610
(D-2-1)20bdc-2. Log by J. S. Lee and Sons. Alt. 4,402 ft.		
Soil	4	4
Gravel and boulders	28	32
Clay, blue	5	37
Sand and gravel	43	80
Sand	25	105
Clay and gravel	13	118
Sand and gravel	35	153
Gravel and boulders	15	168
Sand and gravel	7	175
Clay and gravel	8	183
Conglomerate	17	200
Clay, blue, sticky	35	235
Clay, blue	78	313
Sand and gravel	9	322
Clay, brown, sticky	13	335
Sand and gravel	47	382
Clay, sticky	43	425
Clay and sand	13	438
Sand	3	441
Sand and gravel	14	455
Clay, brown, sandy	7	462
Conglomerate	10	472
Gravel	3	475
Clay, blue	7	482
Sand and gravel	11	493
Clay, brown	9	502
Sand and gravel	23	525
Clay, brown	40	565
Sand and clay	13	578
Sand and gravel	9	587
Gravel and sand	10	597
Clay, brown	3	600
Sand and gravel	14	614
Clay, sticky	11	625
Sand and gravel	9	634
Gravel, clean	2	636
Sand, gravel, and clay	24	660
Clay, brown, and gravel	45	705
(D-2-1)23bcb-1. Log by J. S. Lee and Sons. Alt. 4,680 ft.		
Boulders	20	20
Sand	22	42
Gravel and boulders	63	105
Conglomerate	12	117
Sand	13	130
Sand and gravel	48	178
Clay	32	210
Conglomerate	32	242
Gravel; dry	8	250
Clay and gravel	32	282

	Thickness	Depth
(D-2-1)23bcb-1 - Continued.		
Gravel; dry	18	300
Gravel	10	310
Sand, gravel, and clay	42	352
Sand	5	357
Sand and gravel	7	364
Conglomerate	31	395
Clay	6	401
Clay and gravel	29	430
Sand and gravel	50	480
(D-2-1)28ccc-1. Log by J. S. Lee and Sons. Alt. 4,560 ft.		
Sand and boulders	2	2
Sand	8	10
Sand and gravel	20	30
Clay, sandy	35	65
Conglomerate	4	69
Clay, blue, sandy	11	80
Clay, sand, and gravel	25	105
Clay, brown, sandy, and gravel	15	120
Sand, fine	15	135
Clay, sand, and gravel	43	178
Sand, fine, and gravel; water	42	220
Clay, sand, and boulders	10	230
Sand, brown, and clay	35	265
Sand, fine	12	277
Clay	10	287
Sand and gravel	3	290
Sand, fine	25	315
Clay, sticky	30	345
Clay, sandy, hard	6	351
Clay, sticky	9	360
Clay, sandy, hard	18	378
Clay, sticky	15	393
Conglomerate	10	403
Sand and gravel with clay streaks	56	459
Sand, fine	3	462
Sand, hard, stands up	20	482
Clay, gravel, and sand	15	497
Cemented granite	13	510
Clay and gravel	5	515
Conglomerate	10	525
Gravel, very coarse; water	5	530
Clay, sandy	5	535
Gravel, very coarse; water	8	543
Clay	1	544
Sand and gravel	6	550
Conglomerate	9	559
Clay, hard, sticky, and gravel	10	569
Conglomerate	7	576
Gravel; water	7	583
Conglomerate	2	585
Gravel, sand, and clay	5	590
Gravel, very coarse, clean; water	19	609
Gravel, cemented	42	651
Gravel, very coarse, clean; water	12	663
Clay, sticky	2	665
Clay and gravel	12	677
Conglomerate, hard	2	679
Clay, sticky	1	680
(D-2-1)34dbb-1. Log by Eldon Comer. Alt. 4,670 ft.		
Boulders	20	20
Sand	85	105
Sand and gravel	10	115
Sand	37	152
Clay, brown	7	159
Boulders	10	169
Clay, sandy	21	190
Clay, brown, and gravel	20	210
Sand	30	240
Sand, gravel, and boulders	25	265
Boulders	20	285
Gravel and boulders	80	365
Conglomerate, hard	45	410
Granite boulders, cemented	20	430
Sand	20	450
Gravel	10	460
Sand	4	464
Conglomerate, hard	56	520
Clay and sand	110	630
Gravel, coarse	50	680
(No log)	20	700
(D-3-1)2ccc-1. Log by Roscoe Moss Drilling Co. Alt. 5,000 ft.		
Topsoil	5	5
Boulders embedded in clay	15	20
Sand, gravel, and boulders	135	155
Sand and gravel to 10 inches	295	450
Sandy brown clay and embedded gravel to 10 inches	105	555

	Thickness	Depth
(D-3-1)2ccc-1 - Continued.		
Cemented sand and gravel to 6 inches	61	616
Sandy clay and gravel to 8 inches	226	842
Conglomerate, hard and soft streaks	58	900
Sandy clay and gravel to 12 inches	31	931
Cemented sand and gravel to 6 inches	76	1,007
(D-3-1)5bda-2. Log by J. S. Lee and Sons. Alt. 4,595 ft.		
Sand	38	38
Clay, sandy	40	78
Clay, blue, and sand	52	130
Sand	50	180
Clay hardpan	20	200
Sand	36	236
Hardpan	17	253
Clay, sandy	38	291
Hardpan	6	297
Clay, sandy	48	345
Clay	40	385
Sand, fine	10	395
Sand, coarse; water	32	427
Conglomerate	13	440
Clay and sand	11	451
Sand and gravel; water	101	552
Clay	23	575
Gravel; water	40	615
Clay	7	622
Gravel; water	28	650
(D-3-1)6bad-1. Log by Robinson Drilling Co. Alt. 4,475 ft.		
Soil	3	3
Clay, sandy	7	10
Sand, fine; dry	5	15
Sand, light brown	5	20
Sand, light grey	55	75
Clay	15	90
Sand, fine	5	95
Clay, blue	9	104
Sand, light brown	16	120
Clay, grey	6	126
Sand, light brown	68	194
Clay, blue	8	202
Gravel and sand	22	224
Clay, light brown	7	231
Sand, coarse and gravel	8	239
Sand and very coarse gravel	7	246
Clay, blue	8	254
Sand and grey clay	21	275
Gravel	15	290
Gravel, very coarse; water	27	317
Sand and gravel	25	342
Sand, coarse	6	348
Sand and gravel	34	382
Sand and clay	4	386
Gravel, very coarse; water	26	412
Sand and gravel	5	417
Clay, reddish	1	418
Clay, blue	3	421
Gravel, medium, and sand	18	439
Gravel, very coarse, and sand	3	442
(D-3-1)8caa-1. Log by Barber-Bridge Drilling Corp. Alt. 4,548 ft.		
Topsoil, sandy	22	22
Clay, yellow	14	36
Sand, fine	45	81
Clay, brown	21	102
Sand, fine; water	2	104
Clay, brown, hard	36	140
Sand, fine	20	160
Sand, coarse, and gravel	11	171
Clay, brown	81	252
Clay, brown, sandy, and scattered rocks	20	272
Clay, brown, and scattered rocks	50	322
Clay, brown, hard	38	360
Clay, brown, hard, and scattered rocks	140	500
Clay, brown, hard	4	504
Clay, sandy	18	522
Clay, brown, hard	66	588
Cemented streaks, some gravel	24	612
Rock, cemented, and gravel	18	630
Sand rock, tight, and gravel	22	652
Clay	5	657

Table 2.--Selected drillers' logs of wells in the Jordan Valley - Continued

Southeast district

	Thickness	Depth
(C-4-1)2ddb-1. Log by J. S. Lee and Sons. Alt. 4,430 ft.		
Soil	3	3
Clay, blue	79	82
Sand and hardpan	37	119
Hardpan, grey	16	135
Conglomerate	65	200
Clay, grey	5	205
Conglomerate and gravel	43	248
Conglomerate	61	309
Gravel	31	340
Sand and gravel	87	427
Gravel and clay	36	463
Clay, gumbo	40	503
Clay, sticky	49	552
Sand and clay	30	582
Clay, sticky	21	603
Gravel and clay	62	665
Clay, sticky	42	707
Clay and gravel	15	722
Bedrock	103	825
(C-4-1)23dbb-1. Log by Robinson Drilling Co. Alt. 4,495 ft.		
Gravel	91	91
Clay, blue and gravel	3	94
Gravel	16	110
Clay, blue	7	117
Gravel	7	124
Clay, blue and gravel	8	132
Clay, blue, sandy	22	154
Clay, brown and gravel	22	176
Gravel	3	179
Clay, brown	22	201
Gravel and clay	2	203
Clay, brown	42	245
Clay, brown and some gravel	17	262
(D-3-1)18cba-1. Log by Robinson Drilling Co. Alt. 4,413 ft.		
Soil	2	2
Clay, blue, sandy, soft	16	18
Clay, firm	4	22
Clay, sandy	2	24
Clay, sandy, soft	19	43
Clay	5	48
Clay, sandy	12	60
Clay, blue	24	84
Sand	22	106
Sand, and granite boulders	19	125
Sand, clay, and gravel	15	140
Sand	32	172
Clay, yellow	16	188
Sand, coarse and gravel	12	200
Sand, coarse and fine gravel	18	218
Clay, yellow	4	222

	Thickness	Depth
(D-3-1)18cba-1 - Continued.		
Sand and gravel	26	248
Clay, yellow	2	250
Sand and gravel with clay streaks	35	285
Gravel	20	305
Sand and gravel	17	322
Clay, yellow	8	330
Gravel	6	336
Clay	6	342
Gravel	10	352
Clay	2	354
Gravel	16	370
Gravel, coarse, cemented	103	473
Clay, yellow	2	475
Clay, yellow and gravel	70	545
Gravel, cemented	35	580
Clay, yellow	5	585
Gravel, cemented	18	603
Clay, grey	7	610
Clay, yellow with some gravel	20	630
Gravel, cemented	10	640
Clay, yellow with some gravel	70	710
Clay, yellow and gravel	42	752
Gravel, cemented	15	767
Clay	8	775
Clay and gravel	5	780
Clay, yellow and gravel	24	804
Gravel, cemented	6	810
Clay, yellow and gravel	40	850
Clay, yellow and small boulders	10	860
Gravel, cemented	8	868
Clay and gravel	2	870
Clay, yellow and gravel	30	900
Clay, yellow and grey, and gravel	41	941
Gravel, cemented	17	958
Clay, yellow	2	960
Clay, yellow and gravel	18	978
Gravel, cemented	5	983
Clay and gravel	7	990
Clay with some gravel	22	1,012
Gravel, cemented	8	1,020
Clay, yellow	5	1,025
Gravel, cemented	5	1,030
Clay, yellow	15	1,045
Clay, yellow and gravel	13	1,058
Gravel, cemented	10	1,068
Clay, yellow	2	1,070
Clay, yellow and gravel, mixed	65	1,135
Gravel, cemented	15	1,150
(D-3-1)20acc-1. Log by J. S. Lee and Sons. Alt. 4,580 ft.		
Topsoil	3	3
Sand, fine	36	39

	Thickness	Depth
(D-3-1)20acc-1 - Continued.		
Silt	7	46
Clay, blue	23	69
Sand	17	86
Sand, fine	9	95
Clay, blue, and sand	47	142
Sand	47	189
Gravel; water	49	238
Clay and gravel	12	250
Sand	20	270
Clay	32	302
Conglomerate	13	315
Clay, blue, and gravel	10	325
Clay, brown	15	340
(No log)	10	350
(D-3-1)22bcb-1. Log by Robinson Drilling Co. Alt. 4,760 ft.		
Topsoil	5	5
Sand and coarse gravel	50	55
Clay, grey, sandy	15	70
Sand, fine	24	94
Gravel, coarse; water	29	123
Clay, blue	11	134
Sand, fine	64	198
Clay, grey, sandy	6	204
Sand and fine gravel	11	215
Sand; dry	23	238
Sand, coarse; dry	3	241
Sand and granite boulders	9	250
Clay, grey with rock	10	260
Sand and granite boulders	15	275
Sand, fine; dry	30	305
Gravel, fine, and clay	30	335
Sand, fine gravel, and boulders	15	350
Clay	14	364
Sand, fine	1	365
Sand, fine and some clay	17	382
Sand and granite boulders	41	423
Conglomerate and ground rock	8	431
Conglomerate, brown, hard	51	482
Granite sand and boulders	5	487
Conglomerate with hard and soft zones	20	507
Sand, fine, and clay	5	512
Conglomerate, brown	8	520
Sand, fine	7	527
Sand, coarse	3	530
Conglomerate	10	540
Sand, fine	38	578
Clay, grey	22	600
Clay with fine sand	10	610
Sand, fine	38	648
Clay, sandy	7	655
Conglomerate	8	663
Clay with fine sand	4	667

West Slope district

	Thickness	Depth
(C-2-1)4bbc-2. Log by J. J. O'Brien. Alt. 4,325 ft.		
Soil and clay	4	4
Gravel, sand, and clay	20	24
Boulders	6	30
Clay and gravel	6	36
Clay	8	44
Sand and gravel	7	51
Clay	4	55
Gravel	2	57
Clay and gravel	14	71
Clay and boulders	4	75
Clay and gravel	4	79
Clay and boulders	6	85
Clay	5	90
Boulders and clay	2	92
Sand, coarse, and clay	16	108
Boulders	2	110
Clay and sand	192	302
Clay, blue and brown	34	336
Clay, all colors, with sand and gravel throughout	118	454
Clay, blue	29	483
Clay, blue, sand, and gravel	12	495
Clay, blue, soft	28	523
Clay, blue, very soft	7	530
Clay, blue	15	545
Clay with some gravel	28	573
Clay	84	657
Clay and gravel	2	659
Clay	55	714
Hardpan	3	717
Clay	31	748
Clay and occasional gravel	13	761
Clay	35	796
Clay and occasional gravel	11	807
Hardpan	3	810

	Thickness	Depth
(C-2-1)4bbc-2 - Continued.		
Clay and occasional gravel	98	908
Clay with gravel	3	911
Clay with occasional gravel	11	922
(C-2-1)6abc-4. Log by Robinson Drilling Co. Alt. 4,390 ft.		
Soil	2	2
Clay, yellow, sandy	8	10
Clay, gravel, and boulders	15	25
Clay, gravel, and quicksand	45	70
Quicksand	5	75
Clay and gravel	40	115
Sand; water	37	152
Clay, yellow	13	165
Clay, sandy	110	275
Clay, blue	15	290
Sand and gravel; water	7	297
Clay, blue	5	302
Sand and fine gravel; water	5	307
Clay, blue and grey	18	325
Clay, yellow, sandy	33	358
Sand	2	360
Clay, yellow, sandy	28	388
Gravel, fine, and sand	7	395
Clay, blue	3	398
Gravel, fine, and sand	7	405
Clay, blue	20	425
Clay, yellow	15	440
(C-2-1)7ccc-1. Log by Roscoe Moss Drilling Co. Alt. 4,630 ft.		
Sand and gravel	8	8
Gravel, packed	4	12
Clay and rocks	8	20
Gravel	3	23

	Thickness	Depth
(C-2-1)7ccc-1 - Continued.		
Clay, yellow	113	136
Gravel	4	140
Clay, yellow	52	192
Gravel	7	199
Gravel and clay	21	220
Clay	40	260
Clay, sandy	42	302
Gravel	3	305
Clay	25	330
Clay and rocks	64	394
Rocks and grey clay	86	480
Clay, brown	9	489
Clay, brown, and rocks	14	503
Clay, brown	92	595
Clay and rocks	15	610
Clay, brown	71	681
Clay, red, sandy	19	700
Clay, brown	117	817
Sand, brown	78	895
Clay, brown	24	919
(C-2-1)32dda-1. Log by L. W. Walton. Alt. 4,490 ft.		
Clay, light red	8	8
Clay and gravel, mixed	16	24
Clay, red and brown	5	29
Clay and gravel	27	56
Clay, reddish-brown	5	61
Clay and gravel	29	90
Clay, brown	6	96
Gravel and clay, mixed	89	185
Clay, sticky	6	191
Gravel and clay	29	220
Clay, sticky	3	223
Gravel and clay	21	244

Table 2.--Selected drillers' logs of wells in the Jordan Valley - Continued

West Slope district - Continued

	Thickness	Depth
(C-3-1)9ccc-1. Log by J. S. Lee and Sons. Alt. 4,593 ft.		
Topsoil	3	3
Sand	7	10
Gravel	45	55
Clay	45	100
Gravel	90	190
Sand and gravel; water	28	218
Clay	4	222
Gravel	12	234
Sand, fine	6	240
Gravel	13	253
Gravel, fine	15	268
Clay, sandy	8	276
Sand and gravel	19	295
Clay	5	300
Gravel	20	320
Conglomerate	118	438
Clay, sticky	34	472
(C-3-1)30aba-1. Log by Roscoe Moss Drilling Co. Alt. 4,683 ft.		
Topsoil	12	12
Gravel	2	14
Clay, yellow	23	37
Gravel and cobbles to 8 inches in diameter	23	60
Clay, yellow, and gravel conglomerate	49	109
Sand, gravel, and cobbles to 8 inches in diameter, tight	17	126
Clay and very coarse gravel	40	166
Clay, yellow	9	175
Clay and very coarse gravel	21	196
Clay, yellow	16	212
Sand and gravel	6	218
Clay, yellow	45	263
Conglomerate	3	266
Clay, yellow, tough	59	325
Clay and gravel	3	328
Clay, yellow	62	390
Sand and medium gravel, tight	6	396
Clay and gravel	6	402
Clay, yellow	298	700
(C-3-1)32cdc-1. Log by Robinson Drilling Co. Alt. 4,612 ft.		
Clay	11	11
Sand and clay	29	40
Clay, sandy	25	65
Clay	5	70
Gravel	5	75
Clay	45	120
Gravel and clay; water at 168 feet	48	168
Sand	12	180
Gravel	20	200
Gravel and clay	15	215
Sand and gravel	5	220
Sand	22	242
Clay and sand	13	255
Gravel	30	285
Clay	10	295
Gravel	15	310
Gravel and clay	40	350
Gravel	5	355
Gravel and clay	50	405
Clay and sand	67	472
Sand, white, hard, and clay	8	480
Sand, fine; water	8	488
Clay and sand	37	525
(C-3-1)32cdc-1 - Continued.		
Gravel and clay	25	550
Sand and clay	35	585
Sand	5	590
Clay	10	600
Clay, sandy	30	630
Clay	12	642
Gravel	3	645
Clay and sand	25	670
(C-3-2)5aac-1. Log by Kennecott Copper Corp. Alt. 5,302 ft.		
Clay and gravel	78	78
Clay, brown, and some gravel; water	37	115
Clay, brown	60	175
Clay, light brown	80	255
Gravel, small, and brown clay	35	290
Clay, hard, and gravel	35	325
Clay, brown, and little gravel	33	358
Clay, light brown and very little gravel	37	395
Hardpan, white rock	5	400
Gravel and brown clay	15	415
Hardpan sand and brown clay	15	430
Clay, brown, hard	25	455
Clay, brown	5	460
Gravel and brown clay	10	470
Clay, brown	55	525
Clay, hard and sandstone	5	530
Clay, brown, and gravel	10	540
Clay, brown	80	620
Clay, light brown	20	640
Clay, brown	63	703
Clay, light brown	21	724
Clay, brown	91	815
Hardpan	5	820
Hardpan and gravel	5	825
Clay, brown, and gravel	30	855
Clay, brown	20	875
Clay, brown, and gravel	5	880
Clay, brown	5	885
Clay, blue	50	935
Hardpan	10	945
Sand and blue clay	10	955
Sand and gravel	7	962
Sand, grey, and gravel	13	975
Clay, blue, sandy	5	980
Sand	5	985
Clay, blue, sandy, and gravel	15	1,000
Clay, blue	25	1,025
Clay, blue, and sandstone	15	1,040
Clay, blue, and gravel	15	1,055
Clay, brown, sandy	20	1,075
Clay, brown	10	1,085
Clay, blue	20	1,105
Clay, black	10	1,115
Clay, blue	45	1,160
Sandstone, grey, hard	5	1,165
Sandstone, grey	5	1,170
Clay, grey, sandy	15	1,185
Clay, grey	15	1,200
(C-3-2)29acc-1. Log by Robinson Drilling Co. Alt. 5,430 ft.		
Clay, red	12	12
Gravel, coarse, and clay	178	190
Clay, heavier, with some gravel	35	225
Gravel, fine, and clay	35	260
Boulders, gravel, and heavy clay	8	268
Clay, red	10	278
Gravel and clay, red	7	285
(C-3-2)29acc-1 - Continued.		
Clay, red	2	287
Clay, red, with gravel streaks	13	300
Hard white rock	25	325
(C-3-2)32dbc-1. Log by J. S. Lee and Sons. Alt. 5,420 ft.		
Topsoil	10	10
Sand; water	15	25
Clay and gravel	20	45
Gravel; water	5	50
Clay	13	63
Gravel	10	73
Gravel and clay	32	105
Clay, brown	80	185
Bedrock	5	190
(C-3-2)34daa-1. Log by Robinson Drilling Co. Alt. 5,020 ft.		
Soil	2	2
Gravel, very coarse, and boulders	8	10
Conglomerate	180	190
Gravel; water at 190 feet	110	300
Clay	2	302
Gravel	28	330
Gravel with hard shell	22	352
Gravel with streaks of clay	23	375
Gravel	10	385
Clay and gravel	30	415
Gravel	5	420
Gravel and clay	15	435
Gravel	10	445
Gravel and clay	5	450
Gravel	25	475
Gravel with hard zones	8	483
Conglomerate	15	498
Clay, brown	27	525
Clay, sandy	10	535
Clay, brown	5	540
Conglomerate	5	545
Bentonite	11	556
Clay, brown, sandy	9	565
Clay, green, sandy	10	575
Clay, green	11	586
Clay, sandy	8	594
Clay, greenish brown	6	600
Clay, grey	10	610
Clay, brown, sandy	5	615
(C-4-1)6acb-1. Log by J. S. Lee and Sons. Alt. 4,715 ft.		
Clay and boulders	130	130
Clay	17	147
Gravel and clay	13	160
Clay	40	200
Gravel	35	235
Clay	7	242
Clay and rocks	34	276
Clay, sandy	10	286
Lava and clay	40	326
Clay	75	401
Lava and gravel	15	416
Clay	5	421
Lava	16	437
Lava and sand	14	451
Gravel	10	461
Clay, sandy	17	478
Lava	3	481
Clay, sandy	60	541
Gravel, very coarse	10	551
Lava, sandy	10	561
Lava with gravel cap	16	577

Northwest Lake Plain district

	Thickness	Depth
(C-1-1)22ada-3. Log by J. S. Lee and Sons. Alt. 4,230 ft.		
Soil	3	3
Sand	25	28
Clay, blue	55	83
Sand	43	126
Clay, blue	19	145
Sand; water	33	178
Clay, brown	3	181
Sand; water	32	213
Clay	20	233
Gravel; water	19	252
Clay	8	260
Sand	10	270
Clay	5	275
Gravel, fine	17	292
Clay	4	296
Gravel, fine and sand	6	302
Clay	13	315
Sand and gravel	20	335
(C-1-1)22ada-3 - Continued.		
Clay	7	342
Sand and gravel	2	344
Clay	21	365
Sand and gravel	20	385
Clay	10	395
Sand and gravel	10	405
Clay	6	411
Sand and gravel	32	443
Clay	7	450
(C-1-1)27dda-8. Log by Robinson Drilling Co. Alt. 4,235 ft.		
Clay, black, sandy	8	8
Clay, grey, and fine gravel; water	27	35
Sand and fine gravel; water	12	47
Sand, fine gravel, clay; water	15	62
Clay, blue, and gravel	15	77
Sand, fine, and gravel	55	132
(C-1-1)27dda-8 - Continued.		
Clay, grey with sand, and fine gravel	12	144
Sand and fine gravel	33	177
Clay and fine gravel	5	182
Sand and fine gravel; water	70	252
Clay, grey, and fine gravel	21	273
Sand, fine	3	276
Clay, grey	16	292
Sand and fine gravel	34	326
Clay, grey, and fine gravel	64	390
Clay, grey	7	397
Sand, fine	8	405
Sand	27	432
Clay, blue	74	506
Sand	28	534
Clay, blue	3	537
Sand	21	558
Clay, grey	4	562
Sand and fine gravel	6	568

Northwest Lake Plain district - Continued

	Thickness	Depth
(C-1-1)27dda-8 - Continued.		
Clay, grey.	4	572
Sand and fine gravel; water	38	610
Sand, granitic, hard.	20	630
Clay, grey.	16	646
Sand and gravel; water.	14	660
Clay, blue.	7	667
Sand and gravel; water.	8	675
Clay, blue.	3	678
Sand, grey, coarse.	12	690
Gravel, coarse.	12	702
Clay, grey.	28	730
Sand, fine.	6	736
Gravel and sand	22	758
Clay, grey.	17	775
(C-1-2)6aaa-4. Log by Richard Larsen. Alt. 4,212 ft.		
Clay.	32	32
Sand.	8	40
Clay.	60	100
Sand.	4	104
Clay.	35	139
Sand.	6	145
Clay.	37	182
Sand.	6	188
Clay.	32	220
Sand.	7	227
Clay.	35	262
Sand.	8	270
Clay.	40	310
Sand.	3	313
Clay.	60	373
Sand.	3	376
Clay.	30	406
Sand.	9	415
Clay.	33	448
Sand.	8	456
Clay.	42	498
Sand.	7	505
Clay.	20	525
Sand.	4	529
Clay.	30	559
Sand.	3	562
Clay.	8	570
Sand.	4	574
Clay.	50	624
Sand.	8	632
Clay.	15	647
Sand.	8	655
Clay.	20	675
Sand.	6	681
Clay.	52	733
Sand.	4	737
Clay.	14	751
Sand.	12	763
Clay.	35	798
Sand.	14	812
Clay.	11	823
Sand.	9	832
Clay.	7	839
Sand.	10	849
Clay.	60	909
Sand.	4	913
Clay.	35	948
Sand.	6	954
Clay.	45	999
Sand.	8	1,007
Clay.	31	1,038
Sand.	6	1,044
Clay.	10	1,054
Sand.	70	1,124
Clay.	10	1,134
Sand.	4	1,138
Clay.	3	1,141
Sand.	2	1,143
Clay.	7	1,150
(C-1-2)12daa-2. Log by J. J. O'Brien. Alt. 4,235 ft.		
Sand and clay	26	26
Sand.	14	40
Clay.	6	46
Sand, coarse.	8	54
Clay.	4	58
Sand.	20	78
Sand, coarse.	35	113
Clay.	10	123
Sand.	19	142
Sand and clay	11	153
Gravel.	1	154
Clay and sand	22	176
Clay and coarse sand.	20	196
Clay.	4	200
Sand.	11	211
Clay.	9	220
Sand.	14	234
Clay.	13	247
Sand.	17	264
(C-1-2)12daa-2 - Continued.		
Sand, coarse.	20	284
Clay.	11	295
Sand, coarse.	9	304
Clay.	30	334
Sand, coarse.	2	336
Clay and sand	6	342
Sand and some clay.	11	353
Sand.	5	358
Sand, coarse.	8	366
Clay.	17	383
Sand, coarse.	12	395
Clay, hard.	21	416
Sand, coarse.	8	424
Clay.	8	432
(C-1-2)19bdd-1. Log by Roscoe Moss Drilling Co. Alt. 4,235 ft.		
Silt.	4	4
Sand.	10	14
Clay, blue, soft.	34	48
Clay, blue, soft, and gravel.	18	66
Clay, blue and yellow	74	140
Clay and some gravel.	6	146
Clay, brown	37	183
Clay, gravel, and cobbles to 3 inches in diameter	7	190
Clay, brown	52	242
Clay and coarse gravel.	17	259
Clay, cemented, gravel, and cobbles to 5 inches in diameter	16	275
Clay, brown	10	285
Clay, gravel, and boulders.	6	291
Gravel and boulders, cemented	19	310
Quartzite	23	333
(C-1-2)21adb-1. Log by Kennecott Copper Corp. Alt. 4,225 ft.		
Clay, blue.	32	32
Clay, blue, and gravel; water	6	38
Clay, grey.	12	50
Clay, grey and brown.	30	80
Clay, brown, and coarse gravel; water.	4	84
Clay, brown	40	124
Clay, brown, and coarse gravel; water.	6	130
Clay, brown	18	148
Sand and gravel; water.	4	152
Clay and gravel	18	170
Gravel and cobbles to 6 inches in diameter; water	10	180
Clay and gravel; water.	50	230
Gravel and cobbles to 6 inches in diameter.	10	240
Gravel and cobbles to 3 inches in diameter; water	36	276
Gravel, cemented, and hardpan	36	312
Clay, brown, and gravel	8	320
Gravel; water	6	326
Hard formation.	4	330
Clay, brown, and gravel	6	336
Gravel; water	4	340
Tight formation	8	348
Clay, brown, soft, and gravel	20	368
Clay, brown, soft	12	380
Gravel, ½ to 2 inches in diameter; water.	28	408
Clay, brown, and gravel	8	416
Hardpan	4	420
Clay, brown, and gravel	4	424
Clay, brown, and some gravel.	2	426
Clay, brown, and gravel	2	428
Clay and gravel	32	460
Gravel, loose	4	464
Gravel, loose, and some clay.	11	475
Gravel and boulders in clay	5	480
Sand and gravel	36	516
Clay, brown, hard, with some fine gravel.	2	518
Clay, brown, and coarse gravel.	2	520
Solid lime.	4	524
(C-1-2)23cdc-10. Log by J. S. Lee and Sons. Alt. 4,250 ft.		
Clay, blue.	4	4
Sand.	36	40
Clay, sandy	39	79
Sand.	8	87
Gravel with sand streaks.	37	124
(No log).	3	127
Clay, sandy	14	141
Sand and gravel	9	150
(C-1-3)15bca-1. Log by J. S. Lee and Sons. Alt. 4,220 ft.		
Clay, grey.	14	14
(C-1-3)15bca-1 - Continued.		
Clay and rocks.	2	16
Clay, blue.	19	35
Sand and clay	7	42
Clay, blue.	56	98
Hardpan	5	103
Clay, blue.	32	135
Clay, brown	25	160
Clay, blue.	60	220
Clay, sandy	12	232
Clay, blue.	108	340
Clay, green	5	345
Clay, blue.	104	449
Limestone	1	450
Clay, blue.	30	480
Clay and gravel	26	506
Conglomerate, hard.	4	510
Clay, sticky.	10	520
Clay and gravel	21	541
Clay, sticky.	4	545
Clay and boulders	19	564
Conglomerate, hard.	6	570
Clay, sticky.	12	582
Conglomerate, hard.	5	587
Gravel, loose	1	588
Clay, hard.	11	599
(No log).	3	602
Gravel, cemented.	53	655
Gravel and clay	13	668
Clay, hard.	1	669
Gravel, loose	31	700
Clay, sticky.	2	702
Clay and gravel	13	715
Gravel, cemented.	37	752
Clay, sticky.	1	753
Clay, gravel, and boulders.	57	810
(C-1-3)17dcb-1. Log by Robinson Drilling Co. Alt. 4,220 ft.		
Clay, blue.	40	40
Conglomerate and boulders; water.	30	70
Boulders.	15	85
Conglomerate and boulders	65	150
Gravel.	15	165
Clay and gravel	25	190
Gravel.	5	195
Gravel and clay	65	260
Sand and gravel	5	265
Sand.	5	270
Gravel.	10	280
Gravel and boulders	10	290
Boulders.	5	295
Gravel, fine.	15	310
Gravel.	66	376
Clay and gravel	8	384
Gravel.	8	392
Clay and gravel	6	398
Gravel, cemented.	8	406
Clay and gravel	49	455
Clay, sandy, and gravel	30	485
Clay and gravel	5	490
Conglomerate.	5	495
Shale, sandy.	7	502
(C-2-1)12bbb-6. Log by Eldon Comer. Alt. 4,250 ft.		
Gravel.	7	7
Clay, blue, sandy	39	46
Gravel; water	13	59
Clay, sandy	3	62
Gravel.	40	102
Clay, blue.	4	106
Sand.	18	124
Gravel; water	9	133
Clay, blue.	4	137
Gravel; water	29	166
Clay, blue.	2	168
Gravel.	18	186
Clay, blue.	18	204
Sand and clay	16	220
Gravel; water	25	245
Sand and clay	20	265
Clay and gravel	16	281
Gravel; water	24	305
Clay, sandy	12	317
Clay and gravel	18	335
Clay, blue.	3	338
Sand and gravel	13	351
Gravel; water	7	358
Clay, blue.	17	375
Clay, sandy	14	389
Gravel.	7	396
Clay, sandy	2	398
Gravel and clay	5	403
Clay, blue.	41	444
Gravel; water	26	470
Clay, tan	3	473
Gravel; water	26	499

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley

Well or spring number	Date of collection	Temperature (°F)	Parts per million: Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
							Sodium (Na) / Potassium (K)													
East Bench district																				
(D-1-1)																				
4adc-1	9-22-58	54	18	0.00	87	37	48	287	173	35	-	9.2	548	368	133	22	1.1	823	7.3	GS
4cac-1[3]	8- 8-49	55	18	.06	93	32	22 / 2.6	276	122	36	0.0	8.2	470	364	138	12	.5	752	7.5	GS
	9-22-49	-	17	.08	94	32	23 / 4.8	273	119	33	.0	11	468	366	142	12	.5	748	7.6	GS
	8- 6-57	-	17	.00	-	-	- / -	-	148	42	.0	-	-	-	-	-	-	807	-	GS
4cac-2[4]	10-30-56	-	17	[5]/.48	104	35	27 / 1.3	280	158	42	.7	4.0	527	404	174	13	.6	837	7.3	GS
4cbd-1	9-19-58	54	17	.01	91	36	29	286	137	40	-	7.7	499	376	141	14	.7	773	7.1	GS
4cca-1	7-27-50	54	19	.05	92	37	26	282	150	34	.0	4.6	502	382	150	13	.6	803	7.4	GS
	9- 2-55	-	19	-	92	32	25 / -	276	125	36	-	7.5	472	360	134	13	.6	763	7.4	GS
8abd	9-26-58	57	18	.00	98	36	38	341	128	38	-	9.9	534	391	111	18	.8	819	7.6	GS
9aca-1	4-28-47	-	14	.00	100	36	20	276	150	38	.1	.0	[6]/587	390	164	-	-	-	7.6	DH
9bab-1	9-17-58	54	14	.00	87	26	26	265	112	31	-	4.4	430	324	107	15	.6	704	7.5	GS
11a	2-23-55	-	17	.02	130	36	20 / 1.6	315	215	19	.1	2.0	[6]/622	472	216	8	-	902	-	GS
15bda-1	3-30-32	-	-	-	77	36	49	271	157	40	-	5.8	[7]/498	340	118	24	1.2	-	-	GS
15bdc-1	9-22-58	58	19	.04	64	33	67	316	112	45	-	5.1	500	297	38	33	1.7	791	7.3	GS
20aaa-2	9-23-58	54	16	.00	90	33	51	283	169	42	-	3.2	543	358	126	24	1.2	852	7.4	GS
20acd	9-16-58	56	15	-	106	23	49	290	168	30	-	12	546	358	120	23	1.1	825	7.4	GS
20ddd-1[8]	5-31-35	-	24	-	103	30	30 / 5.0	277	206	41	-	-	[6]/598	380	153	-	-	-	7.9	SL
	8- 8-49	66	19	.05	117	42	39 / 3.2	260	277	29	.0	1.8	656	464	252	15	.8	967	7.5	GS
	9-22-49	-	18	.07	122	42	36 / 5.8	260	275	28	.0	2.3	657	477	264	14	.7	966	7.6	GS
	9- 51	-	11	-	120	28	18	104	248	32	-	-	[6]/559	424	339	-	-	-	8.0	SL
	8-27-57	-	11	.00	-	-	- / -	-	70	36	.2	-	-	-	-	-	-	550	-	GS
21bdd-1	3-30-32	-	-	-	88	21	7.1	256	79	20	-	1.5	[7]/343	306	96	5	.2	-	-	GS
	9-15-32	53	18	.02	72	27	59 / 3.6	350	80	27	.4	12	471	291	4	30	1.5	-	-	GS
21ddd-1[9]	5-28-35	-	20	-	124	31	31 / 1.1	276	253	16	-	-	[6]/678	536	-	-	-	-	8.0	SL
	8-18-49	-	20	.05	124	40	36 / 2.4	266	271	31	.2	1.8	657	474	256	14	.7	961	7.3	GS
	9-22-49	-	19	.12	126	40	30 / 5.1	268	263	27	.0	2.8	645	479	260	12	.6	949	7.4	GS
	9- 51	-	41	-	91	43	26	342	242	35	-	-	[6]/677	404	-	-	-	-	7.9	SL
	8- 7-57	-	17	.00	-	-	- / -	-	255	32	.1	-	-	-	-	-	-	926	-	GS
25cbb	1- 8-52	-	18	.08	134	32	8.2	272	123	15	.1	.0	[6]/418	357	134	-	-	-	7.8	DH
	4- 5-53	-	17	-	93	19	6.0	232	122	26	-	-	[6]/409	310	120	-	-	-	7.6	SL
	4- 5-53	-	12	-	100	31	6.0	232	139	27	-	-	[6]/457	377	187	-	-	-	7.6	SL
25ccb-1	6- 9-58	-	15	-	72	34	26	233	132	31	-	6.0	431	320	129	15	.6	667	7.7	GS
28cbb-2	2-24-54	-	17	-	144	34	40	236	332	30	.0	.7	[6]/774	501	307	-	-	-	7.6	DH
29adc	9-26-58	57	14	.00	124	41	45	312	249	29	-	28	683	480	224	17	.9	997	7.2	GS
33caa-1	3-27-34	-	14	-	165	34	12 / 4.0	124	176	24	-	-	[6]/510	552	449	-	-	-	-	SL
	9-18-58	55	15	.00	136	52	34	226	386	28	-	.8	763	552	367	12	.6	1,080	7.4	GS
34bab-1[10]	8- 6-57	-	12	.00	-	-	- / -	-	169	16	.2	-	-	-	-	-	-	760	-	GS
36bac-1	3- 3-54	-	-	-	590	162	72	136	2,060	28	-	-	-	2,140	2,030	7	.7	3,100	7.4	GS
(D-2-1)																				
2bbb-3	12-16-50	-	6.8	.25	59	27	19	-	106	12	.0	.4	[6]/320	260	-	-	-	-	8.0	DH
2cdb	4-12-48	-	7.0	-	58	15	9.0 / 2.0	222	124	13	-	-	[6]/385	206	24	-	-	-	7.7	SL
North Fork Spring	1-21-53	-	8.3	.12	76	29	5.5	209	128	10	.5	.3	[6]/408	309	138	-	-	-	7.8	DH
2cdb	12-31-40	-	7.7	.00	83	26	1.1	210	116	14	.6	.0	[6]/432	312	140	-	-	-	7.6	DH
Upper Spring	3-15-54	-	-	-	76	22	7.0	232	124	12	-	-	[6]/390	280	90	-	-	-	-	SL
2cdc	12-31-40	-	13	.10	84	24	9.1	222	120	14	.6	.0	[6]/426	308	126	-	-	-	7.6	DH
	4-12-48	-	10	-	80	22	11 / 2.0	222	117	13	-	-	[6]/408	290	108	-	-	-	7.7	SL
	9-22-58	52	7.2	.00	77	25	12	218	123	8.0	-	1.0	360	294	115	8	.3	558	7.5	GS
9aab-3	9-18-58	54	7.8	.01	82	25	30	255	108	35	-	.2	413	306	97	18	.7	672	7.8	GS
11baa	12-19-52	-	6.0	.07	71	30	4.6	224	112	6.6	.6	.0	[6]/388	303	119	-	-	-	8.1	DH
	9-22-58	52	7.8	-	76	24	12	218	122	7.5	-	1.3	358	290	111	9	.3	556	7.7	GS
East Lake Plain district																				
(A-1-1)																				
31acb-1	9-30-32	53	13	0.02	59	20	12 / 1.4	252	14	20	0.3	1.8	265	230	23	10	0.3	-	-	GS
31cac-1[11]	8- 7-57	-	17	.00	-	-	- / -	-	109	49	.2	-	-	-	-	-	-	803	-	GS
31cca-1	8-18-49	-	19	.05	83	31	35 / 2.9	286	99	41	.0	15	467	334	100	18	.8	755	7.5	GS
	9-22-49	-	19	.07	88	32	36 / 5.4	290	107	41	.0	18	489	351	114	18	.8	785	7.5	GS
	9- 51	-	19	-	71	25	9.0	238	91	27	-	-	[6]/451	280	85	-	-	-	8.4	SL
(B-1-1)																				
14dcb	5-19-42	-	32	-	653	134	4,040 / 444	239	875	7,670	-	-	[6]/13,900	2,180	1,984	-	-	-	6.5	SL
	8-29-47	-	35	-	688	136	4,100	235	800	7,210	-	-	13,100	2,280	2,080	80	37	19,400	-	GS
	11- 3-51	-	36	.02	720	125	4,050 / 262	227	879	7,260	2.3	-	13,500	2,310	2,120	77	37	20,500	6.7	GS
26ddc-2	9-17-58	57	21	.01	87	31	160	378	112	187	-	.6	785	342	32	50	3.8	1,330	7.6	GS
36abc-1	3-30-32	55	-	-	98	39	53	352	123	63	-	18	[7]/567	405	116	22	1.1	-	-	GS
36bac-29	7-11-50	-	-	-	-	-	- / -	233	896	3,252	-	-	-	1,978	708	-	-	-	-	UO
36bad	7-23-58	59	18	-	112	45	61	376	162	67	-	32	[6]/682	464	156	22	1.2	1,070	7.3	GS
	7-23-58	59	20	-	93	38	57	334	128	58	-	29	587	388	114	24	1.3	927	7.5	GS
(C-1-1)																				
2abc-1	9-16-58	54	23	-	45	24	154	554	3.7	62	-	.3	584	210	0	52	4.6	1,000	7.5	GS
2bac-1	9-29-58	-	23	-	66	21	104	289	89	105	-	.6	[6]/551	251	14	47	2.9	962	7.4	GS
2cda-1	12-21-31	53	-	-	33	21	118	469	4	26	-	.4	[7]/433	169	0	60	4.0	-	-	GS
12cdc-2	3-30-32	52	-	-	50	-	76	436	36	28	-	.7	-	270	0	38	2.0	-	-	GS

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley - Continued

Well or spring number	Date of collection	Temperature (°F)	Parts per million														Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
			Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K		Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$					
							Sodium (Na)	Potassium (K)													
East Lake Plain district - Continued																					
(C-1-1)																					
13adc-1	12-21-31	60	-	-	109	36	45		263	258	24	-	0.1	7/602	420	204	19	1.0	-	-	GS
13bba-1	6- 8-43	-	22	0.10	59	21	-	-	200	171	38	1.2	.0	6/500	233	69	-	-	-	-	DH
13bba-2	6- 8-43	-	22	.10	61	29	87		200	192	42	1.2	.0	6/576	273	109	-	-	-	7.6	DH
13dac-1	3-30-32	63	-	-	72	18	77		264	148	34	-	5.4	7/485	256	40	39	2.1	-	-	GS
13dad-1	4- 55	-	-	-	166	111	340	23	-	-	440	-	-	-	-	-	-	5.1	2,790	-	SU
14dba-4	10- 8-57	60	25	-	27	9.7	78		312	2.2	14	-	.0	309	108	0	61	3.3	499	7.6	GS
23baa-1	9-18-58	55	17	.01	57	20	39		224	102	14	-	.1	359	224	40	28	1.1	578	7.5	GS
24acc-1	3-30-32	56	-	-	122	42	34		276	270	31	-	.1	7/635	477	251	13	.7	-	-	GS
24bbb-4	4- 1-32	62	-	-	135	46	24		236	338	23	-	.1	7/682	526	332	9	.4	-	-	GS
24cdc-2	3-30-32	57	-	-	70	23	35		253	109	16	-	1.9	6/380	269	62	22	.9	-	-	GS
24cdd-2	9-16-58	55	15	-	95	31	29		252	182	23	-	1.3	500	366	159	15	.7	779	7.5	GS
24dab-18	11-18-47	-	22	.00	77	38	32		144	250	27	.1	.0	6/664	350	232	-	-	-	-	DH
24dab-19	11-10-58	54	19	-	99	33	46		258	228	22	-	2.2	576	383	171	21	1.0	864	7.6	GS
24dac-10	11-17-47	-	20	.00	85	27	51		222	208	24	.1	.0	6/578	320	138	-	-	-	-	DH
24dac-11	11-17-47	-	20	.00	64	25	84		240	80	115	.1	.0	6/525	260	63	-	-	-	8.6	DH
24dac-12	11-18-47	-	17	.00	86	41	47		180	280	32	.1	.0	6/738	380	232	-	-	-	8.2	DH
24dad-22	11-18-47	-	15	.00	86	42	15		-	264	20	.4	.0	6/684	387	-	-	-	-	7.9	DH
24dbd-2	5- 5-50	-	16	.10	102	36	54		217	273	28	.2	.1	6/556	402	224	-	-	-	7.8	DH
24ddb-21	6-16-53	-	12	.16	45	19	60		220	139	6.6	.6	.0	6/420	191	10	-	-	-	8.0	DH
25ca	3-25-47	-	21	.00	58	22	37		234	94	16	.3	.0	6/376	140	-	-	-	-	7.4	DH
	3-26-53	-	14	3.9	61	21	30		12/285	51	11	.2	.4	6/316	239	-	-	-	-	8.2	DH
25caa-2	5-14-58	63	20	-	55	16	38		199	102	12	-	.4	341	203	40	29	1.2	541	7.3	GS
25ccb-2	9-18-58	56	15	.01	53	18	13		189	58	12	-	.2	262	204	49	12	.4	431	7.8	GS
25dab-2	10-18-57	55	15	-	55	14	44		238	68	15	-	2.8	331	194	0	33	1.4	531	7.5	GS
25dda-10	10-18-57	56	12	-	55	24	20		208	86	14	-	1.1	314	237	66	16	.6	493	7.4	GS
35aaa-4	3-30-32	54	-	-	72	25	4.7		208	101	12	-	.1	7/317	282	112	3	.1	-	-	GS
35aaa-5	3-30-32	56	-	-	67	23	14		198	110	11	-	.1	7/323	262	100	11	.4	-	-	GS
	9-18-58	55	15	.00	52	17	11		182	54	13	-	.0	251	200	51	11	.3	419	7.7	GS
35caa-2	5-26-58	69	25	-	51	17	50		195	88	38	-	.1	365	196	36	36	1.6	578	7.5	GS
35ddd-4	9-18-58	56	19	.01	63	21	21		206	100	11	-	.0	336	242	73	16	.6	523	7.9	GS
36dab-5	4-25-58	52	15	-	58	20	16		199	78	12	-	.6	298	226	63	14	.5	489	7.9	GS
(D-1-1)																					
6abd-1	9-17-58	-	16	.01	111	39	58		284	245	50	-	3.6	663	436	203	22	1.2	1,000	7.4	GS
6bbb-1	12-23-57	-	19	-	120	49	75		390	202	81	-	26	764	502	182	2.5	1.5	1,200	6.9	GS
7aba-7[13]	5- 6-54	-	16	.05	106	41	50	2.1	320	197	49	.0	1.2	620	433	177	20	1.0	971	7.6	SL
	7-23-57	54	17	.05	103	40	43	1.9	301	179	51	.0	9.9	6/593	424	177	18	-	934	6.9	GS
7abd-6[14]	12-21-31	51	-	-	110	43	31		318	167	50	-	18	7/576	451	191	13	.6	-	-	GS
	7-26-35	-	16	-	105	20	60	11	322	272	52	-	-	6/736	345	81	-	-	-	8.2	SL
	2-20-48	54	19	-	104	41	33		316	156	44	-	20	573	428	169	14	.7	901	-	GS
	6-30-52	56	-	-	-	-	-	-	316	-	47	-	22	-	-	-	-	-	1,040	7.6	GS
	12-23-57	55	16	-	106	42	38		321	164	47	-	24	595	437	174	16	.8	932	7.3	GS
18aaa-3	3-30-32	55	-	-	100	38	62		292	235	38	-	2.8	7/620	406	166	25	1.3	-	-	GS
19bac-4	10-17-57	-	13	-	117	34	35		284	220	32	-	2.7	594	433	200	15	.7	908	7.2	GS
19bac-24	10-17-57	-	14	-	124	37	37		256	286	25	-	3.7	653	464	254	15	.8	966	7.1	GS
19bdc-21	10-17-57	56	14	-	116	40	27		250	264	24	-	1.6	610	456	251	12	.6	910	7.2	GS
19daa-2	3-30-32	55	-	-	109	34	40		300	196	33	-	3.0	6/563	412	166	17	.9	-	-	GS
20bab-1	4- 1-58	61	16	-	109	42	42		244	277	32	-	1.1	639	443	243	17	.9	958	7.3	GS
20cbc-1	4-17-46	-	15	.00	73	25	8.1		204	101	20	-	.0	6/391	285	118	-	-	-	8.0	DH
20cca-2	9-16-58	56	10	-	105	31	42		263	213	32	-	.2	562	390	174	19	.9	866	7.5	GS
29ccb	4-22-53	-	13	.04	104	46	79		328	277	39	.7	7.0	6/671	446	177	-	-	-	7.3	DH
29cdc-8	1928	53	22	-	30	13	35	.0	167	34	32	-	-	6/206	129	0	-	-	-	-	SL
29cdc-9	1928	53	22	-	43	12	7.7	1.1	192	40	26	-	-	6/234	159	15	-	-	-	-	SL
30aca-23	10-12-57	56	12	-	77	29	29		229	153	19	-	.1	432	312	124	17	.7	688	7.3	GS
30bbc-1	3-30-32	55	-	-	88	31	33		247	184	18	-	.1	7/476	347	144	17	.8	-	-	GS
30bbc-9	3-30-32	53	-	-	101	36	16		251	189	22	-	.6	7/488	400	194	8	.3	-	-	GS
30ccd-10	10-16-57	61	14	-	59	22	25		198	103	14	-	.2	334	235	73	19	.7	545	7.4	GS
31aba-4	10-16-57	55	12	-	57	19	23		208	76	14	-	.2	303	218	47	19	.7	501	7.4	GS
31cad-4	3-30-32	54	-	-	66	23	6.2		194	95	10	-	.8	7/297	259	100	5	.2	-	-	GS
31dab-1	11-25-53	-	15	.07	56	24	7.6		199	72	12	.1	.5	6/330	240	77	-	-	-	7.8	DH
32bab-16	12-21-31	59	-	-	77	31	11		15/222	128	20	-	.6	7/377	320	137	7	.3	-	-	GS
32dcd-13	11-21-55	-	16	-	80	24	20		230	108	28	-	1.3	390	300	111	13	.5	637	7.3	GS
(D-2-1)																					
4cab-2	10-16-57	56	8.3	-	91	31	28		276	122	42	-	7.5	466	357	131	15	.6	767	7.4	GS
5aaa-1	9-22-58	54	13	.00	59	24	16		200	93	15	-	.8	319	247	83	13	.5	514	7.4	GS
Cottonwoods district																					
(C-2-1)																					
1abc-1	9-18-58	55	18	0.00	40	13	13		160	34	11	-	0.1	208	154	23	15	0.5	347	7.9	GS
1bab-2	3-30-32	55	-	-	48	18	7.0		159	59	12	-	.4	7/223	194	64	7	.2	-	-	GS
	10-17-57	55	11	-	39	10	16		157	26	12	-	1.4	192	140	11	19	.6	328	7.3	GS
12abc-3	10-17-57	58	17	-	47	14	32		151	92	16	-	.7	293	174	50	28	1.0	456	7.3	GS
12ada-1	9-22-58	54	12	.00	38	12	16		144	37	15	-	2.6	204	146	28	19	.6	341	7.2	GS

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley - Continued

Well or spring number	Date of collection	Temperature (°F)	Parts per million: Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K: Sodium (Na)	Na + K: Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
Cottonwoods district - Continued																					
(C-2-1)																					
12bac-1	10-16-57	56	9.9	-	27	6.8	13		114	16	10	-	1.2	140	96	3	23	.6	235	7.6	GS
23aaa-2	9-17-58	56	13	0.00	59	19	36		172	77	54	-	5.8	349	224	83	26	1.0	593	7.7	GS
35ddd-3	12-23-57	-	14	-	18	4.9	64		142	16	51	-	.9	239	66	0	68	3.4	413	7.4	GS
(D-1-1)																					
31dcc-2	6-11-57	53	12	-	51	17	11		179	54	12	-	1.4	246	196	49	11	.4	425	7.3	GS
31dcd-21[16]	2-18-54	-	14	5/.08	61	24	12	1.8	196	94	14	0.2	1.1	319	250	90	9	.3	509	8.0	GS
32cdc-2	3-31-32	55	-	-	99	38	17		278	180	15	-	4.6	7/490	403	176	8	.4	-	-	GS
(D-2-1)																					
4bcc-1[17]	11-15-54	-	11	-	88	25	32		251	125	37	-	5.1	6/718	322	116	18	.8	718	7.8	GS
	11-30-54	58	17	-	92	31	50		184	264	28	-	.4	572	360	209	23	1.2	847	7.6	GS
	3-24-55	60	17	.02	92	45	40	3.4	206	282	30	.2	.4	611	414	246	17	.9	904	7.5	GS
6bcd-2	9-18-58	54	13	.01	94	28	18		250	107	51	-	.8	435	350	145	10	.4	731	7.6	GS
6dbb-12	10-16-57	54	9.9	-	46	14	12		161	38	18	-	2.0	219	172	40	13	.4	378	7.5	GS
7cab-2	12- 5-55	-	54	5/1.2	31	5.2	30		18/161	28	4.0	.1	.8	6/182	100	-	-	-	-	8.5	DH
7cbd-1	12- 7-31	54	-	-	35	11	7.6		19/131	20	14	-	1.4	7/154	133	25	11	.3	-	-	GS
	4-17-53	-	7.2	.06	53	16	18		167	42	37	.3	.3	6/286	199	62	-	-	-	8.0	DH
7cbd-2	12- 7-31	54	-	-	32	9.2	.7		20/108	16	9.0	-	1.7	7/122	118	30	1	.0	-	-	GS
	12-11-51	-	8.8	.00	45	7.8	18	-	142	33	21	.0	2.2	6/212	155	38	-	-	-	8.0	DH
7dcd-7	6-11-57	-	15	-	38	17	57		155	128	19	-	.1	6/350	163	36	-	-	588	7.4	GS
7dda-1	6-11-57	53	14	-	27	7.8	11		114	12	13	-	.8	142	100	7	20	.5	247	7.4	GS
7ddd-2	3-31-32	51	-	-	58	25	12		198	65	28	-	5.6	7/291	248	85	10	.3	-	-	GS
8aaa-1	9-18-58	55	11	.00	51	16	11		184	46	8.0	-	3.3	236	190	39	11	.3	400	7.7	GS
8abd-8	12-19-31	52	-	-	72	19	2.3		174	90	18	-	1.5	7/288	258	116	2	.1	-	-	GS
8adb-10	12-19-31	52	-	-	46	17	4.7		174	32	12	-	2.6	7/200	185	42	5	.1	-	-	GS
8cca-11	1928	52	14	-	25	7.9	1.2	3.4	115	18	29	-	-	6/106	95	7	-	-	-	-	SL
	12-19-31	51	-	-	30	9.5	3.0		21/112	16	8.0	-	.8	7/122	114	22	5	.1	-	-	GS
8ccc-10	8- 2-53	-	17	.01	34	13	106		164	172	38	.5	.1	6/419	138	3	-	-	-	7.8	DH
8ccd-7	10- 3-32	52	-	-	30	-	-	-	118	18	7.0	.6	.6	-	105	8	-	-	-	-	GS
8ccd-8	12-19-31	50	-	-	83	32	38		275	99	61	-	9.3	7/458	339	113	20	.9	-	-	GS
8ccd-19	10- 3-32	58	-	-	28	-	-	-	109	16	11	1.0	.4	-	105	16	-	-	-	-	GS
	6-11-57	52	4.7	-	8.7	4.1	13		22/54	3.3	14	-	.0	75	38	0	43	.9	156	9.0	GS
8ccd-21	10- 3-32	53	-	-	24	-	-	-	96	16	6.0	.7	.8	-	88	9	-	-	-	-	GS
8ccd-23	10- 3-32	52	-	-	70	-	-	-	235	60	44	1.0	7.8	-	279	86	-	-	-	-	GS
8ddd-1	9-22-58	53	11	.00	36	14	18		166	27	12	-	4.8	6/205	146	10	21	.6	337	7.5	GS
9aad[23]	8- 6-57	-	12	-	-	-	-	-	-	180	100	.2	-	-	-	-	-	-	1,110	-	GS
9abc-2	12-21-31	50	-	-	107	36	17		323	136	28	-	8.4	7/492	415	150	8	.4	-	-	GS
9cdb-1	9-18-58	52	9.3	.00	55	17	11		184	51	16	-	2.1	251	204	53	11	.3	431	7.7	GS
14bbc-1	9-26-58	56	16	.00	131	35	111		387	179	146	-	1.0	809	470	153	34	2.2	1,310	7.1	GS
15cac-1	2- 4-54	-	8.8	.03	56	11	6.9		170	43	10	.0	1.1	6/210	185	46	-	-	-	7.3	DH
	8- 7-56	61	11	.05	34	11	15	1.3	134	36	14	.1	1.7	190	130	20	20	.6	318	7.8	GS
16bba-2	9-18-58	55	11	.00	32	14	12		126	38	13	-	1.1	183	136	33	16	.4	322	8.0	GS
16bbd-14	3-31-32	52	-	-	52	20	-	-	181	32	14	-	2.7	-	212	64	-	-	-	-	GS
16cb	1928	53	31	-	53	7.4	25	2.3	283	78	40	-	-	6/374	164	0	-	-	-	-	SL
17bcc-7	10-11-57	52	8.8	-	44	9.5	8.2		157	24	7.0	-	5.4	184	150	21	11	.3	332	7.4	GS
17bda-1	6-11-57	52	11	-	26	7.4	11		108	12	12	-	.9	133	95	7	20	.5	231	7.7	GS
	12-23-57	52	10	-	24	9.0	9.1		108	12	10	-	.9	128	96	7	17	.4	229	7.2	GS
17cba-1	10-11-57	54	7.8	-	23	7.5	13		108	14	10	-	.7	129	88	0	25	.6	218	7.3	GS
17cda	1928	51	13	-	56	21	22	2.8	239	63	68	-	-	6/296	228	32	-	-	-	-	SL
17cda-15	1928	52	12	-	25	6.4	3.2	2.5	24/128	18	35	-	-	6/112	88	0	-	-	-	-	SL
20cac-1	9-18-58	-	15	.00	68	18	23		207	66	34	-	6.2	332	242	72	17	.6	548	7.7	GS
22bba-1[25]	8-17-35	-	16	-	52	16	32	16	187	36	30	-	-	6/292	218	65	-	-	-	8.1	SL
	8- 6-57	-	11	.00	-	-	-	-	-	44	22	.1	-	-	-	-	-	-	459	-	GS
22cac-3	9-22-58	55	13	.00	48	21	21		234	36	10	-	9.7	274	206	14	18	.9	446	7.5	GS
23bcb-1	6-11-58	-	4.9	-	26	14	10		116	33	10	-	2.4	157	123	28	15	.4	272	7.6	GS
25ac	8-29-41	-	5.3	.15	37	11	6.0		132	31	8.0	.0	.0	6/184	138	30	-	-	-	7.5	DH
28ccc-1	9-18-58	52	13	.01	22	8.8	7.8		90	17	10	-	1.8	124	90	16	16	.4	204	8.0	GS
29acb-1	10- 3-58	54	12	-	26	7.5	9.0		106	19	6.0	-	.5	132	96	9	17	.4	214	8.1	GS
30abc-3	3-13-33	50	-	-	58	17	15		219	35	21	-	2.5	7/256	215	35	13	.5	-	-	GS
32bba-2	11- 2-55	-	9.0	-	44	15	28		165	62	21	.6	2.0	6/253	170	35	-	-	-	7.5	DH
33add-2	7-14-55	-	16	5/.15	49	10	20		193	30	6.0	.5	9.5	6/220	164	6	-	-	-	8.0	DH
33add-3	9-18-58	53	11	.01	46	10	17		184	27	5.2	-	9.6	216	156	5	20	.6	360	7.9	GS
34dbb-1	9-18-58	52	9.3	.00	26	6.1	51		82	25	4.8	-	2.7	165	91	24	11	.2	205	7.4	GS
(D-3-1)																					
2ccc-1[26]	8-17-55	59	20	.10	47	14	22	2.9	190	42	11	1.0	8.5	262	175	19	21	.7	417	7.5	GS
	9- 1-55	-	21	.06	41	13	39	4.1	198	41	13	6.0	5.1	6/280	156	0	35	-	439	7.4	GS
5bda-1	9-24-58	55	12	.00	32	4.6	10		107	9.1	16	-	2.9	140	100	12	18	.4	243	8.0	GS
6bad-1	9-24-58	55	12	.02	29	6.1	11		105	11	16	-	2.3	139	97	11	20	.5	239	7.8	GS
7caa-2	3- 7-33	-	-	-	84	28	85		242	126	125	-	5.5	7/573	325	126	36	2.1	-	-	GS
7ccd-1	9-15-58	59	22	-	234	92	337		314	726	480	-	7.7	2,050	964	707	43	4.7	2,970	7.4	GS
8aba-1	6- 7-54	-	16	.19	24	5.4	9.8		99	5.0	10	.0	2.3	6/123	82	1	-	-	-	7.8	DH
	7-21-55	-	22	.26	22	5.0	18		102	4.0	16	.2	.6	6/124	76	0	-	-	-	7.9	DH
8acc	3-23-59	55	14	-	34	12	18		150	16	24	-	1.7	194	135	12	23	.7	341	7.8	GS
8caa-1	9-18-58	-	15	.00	51	13	58		156	18	111	-	2.0	345	179	51	41	1.9	636	7.7	GS

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley - Continued

Well or spring number	Date of collection	Temperature (°F)	Parts per million: Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K: Sodium (Na)	Na + K: Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
Cottonwoods district - Continued																					
(D-3-1)																					
12	12- 50	-	10	-	46	6.0	4.0	1.0	159	28	10	-	-	6/127	159	29	-	-	-	8.2	SL
12ac	2- 9-51	-	8.2	0.03	39	12	3.9	1.8	136	38	4.5	0.2	0.8	175	147	35	5	0.1	297	8.1	GS
	5-28-52	-	9.8	.03	47	8.7	19		168	50	3.6	.3	.6	6/186	154	16	-	-	-	7.8	DH
12acd-1	9-24-58	55	9.7	.00	29	5.8	11		99	26	7.0	-	1.6	139	96	15	20	.5	231	7.3	GS
12adc-1	9-24-58	55	9.0	.01	26	4.4	11		88	26	5.5	-	1.2	126	83	11	23	.5	198	7.2	GS
12b	12- 50	-	14	-	35	5.0	3.0	1.0	152	27	9.0	-	-	6/178	107	0	-	-	-	8.1	SL
12bca	12- 50	-	7.0	-	40	5.0	3.0	1.0	155	25	7.0	-	-	6/122	120	0	-	-	-	8.0	SL
Southeast district																					
(C-3-1)																					
12ccb-1	10-11-57	69	31	-	63	8.0	126		237	98	120	-	1.2	564	191	0	59	4.0	909	7.2	GS
(C-4-1)																					
2ddb-1[27]	3-25-54	80	35	0.11	76	23	187	15	266	182	218	0.8	1.2	870	284	66	58	4.8	1,440	7.6	GS
	3-25-54	83	35	.08	76	23	191	16	264	191	226	.8	1.0	890	284	68	58	4.9	1,490	7.5	GS
11ad	5-22-34	137	60	-	106	25	304		285	97	598	-	-	6/1,665	368	134	-	-	-	7.6	SL
	5-27-58	91	50	-	142	31	330		340	72	595	-	4.7	1,390	480	201	60	6.5	2,470	7.2	GS
11ccc-1	9-16-58	-	46	-	100	45	109		266	189	177	-	7.6	805	434	216	35	2.3	1,300	7.3	GS
15dad-1	9-24-54	-	32	5/.28	85	58	197		265	293	253	.9	1.1	6/1,100	452	235	-	-	-	7.5	DH
	5-20-58	-	22	-	83	65	221		240	334	290	-	.9	1,130	474	277	50	4.4	1,860	7.7	GS
	9-17-58	-	23	.01	74	54	211		224	305	258	-	.8	1,040	406	222	53	4.6	1,690	7.5	GS
22ada	7-30-58	58	25	-	76	51	167		264	245	204	-	3.8	902	400	184	48	3.6	1,470	7.8	GS
	4-29-59	57	24	-	74	52	153		265	231	191	-	3.0	6/858	396	179	46	3.5	1,410	7.7	GS
23bcc	7-30-58	73	23	-	64	25	40		249	52	66	-	.8	393	264	60	25	1.1	696	7.5	GS
23dbb-1	4- 1-59	-	17	-	110	46	216		246	271	315	-	3.6	1,100	462	260	50	4.4	1,800	7.8	GS
	4-29-59	58	25	-	67	42	122		257	177	147	-	4.0	710	340	129	44	2.9	1,160	7.7	GS
(D-3-1)																					
18cba-1[28]	10-17-58	-	6.7	-	95	32	209		154	255	304	-	.8	978	366	240	55	4.8	1,680	7.2	GS
	10-24-58	-	7.8	-	82	21	170		128	172	267	-	.5	783	292	187	56	4.3	1,390	8.0	GS
	12-10-58	-	2.6	-	104	29	578		72	200	970	-	2.0	1,920	380	321	77	13	3,540	7.2	GS
	12-19-58	-	9.6	-	112	34	576		55	154	1,040	-	1.0	1,950	420	375	75	12	3,640	7.3	GS
	1-15-59	82	27	-	116	26	352		203	115	620	-	1.0	1,360	395	229	66	7.7	2,470	7.7	GS
	1-15-59	82	30	-	104	23	282		224	88	490	-	1.0	1,130	355	171	63	6.5	2,060	7.7	GS
	1-17-59	80	31	-	96	21	221		232	64	390	-	.5	938	326	136	60	5.3	1,690	7.7	GS
29abc-1	9-15-58	55	18	-	56	11	19		214	38	7.5	-	.5	255	184	9	19	.6	409	7.8	GS
30dcb	3- 6-33	-	-	-	162	146	352		478	549	555	-	31	7/2,030	1,000	612	43	4.8	-	-	GS
West Slope district																					
(C-1-1)																					
30ddc-1[29]	8-18-58	55	40	-	107	90	383		467	489	405	-	12	1,760	640	257	57	6.6	2,690	7.0	GS
32bbb[29]	10-22-58	-	40	-	124	102	328		487	476	380	-	14	1,700	730	331	49	5.3	2,640	7.6	GS
(C-1-2)																					
28cdd-1[29]	8-18-58	-	33	-	156	67	200		313	373	300	-	35	1,320	662	405	40	3.4	2,060	7.5	GS
29bc[29]	1- 4-52	-	24	0.33	104	105	278		465	424	315	0.0	29	6/1,510	693	312	-	-	-	7.4	DH
30abb-1[29]	3-24-33	-	27	.02	99	50	281	11	325	231	398	-	15	1,270	452	186	57	5.8	-	-	GS
35ada-2[29]	3-24-33	55	-	-	121	71	238		375	321	325	-	13	7/1,270	594	286	47	4.3	-	-	GS
36abb-5[29]	10- 8-57	57	18	-	110	65	76		300	37	286	-	22	762	540	294	23	1.4	1,700	7.1	GS
	8-18-58	60	42	-	111	68	146		296	215	280	-	14	1,020	556	313	36	2.7	1,680	7.4	GS
36abc-1[29]	8-18-58	61	44	-	116	67	169		294	248	298	-	14	1,100	564	323	39	3.1	1,810	7.3	GS
(C-2-1)																					
4dbc[29]	9-10-58	68	23	-	123	71	276		409	401	312	-	5.5	1,410	598	263	50	4.9	2,200	7.8	GS
6abc-4[29]	8-18-58	-	33	-	123	71	125		196	253	312	-	6.8	1,020	598	437	31	2.2	1,690	7.5	GS
7ccc-1	3-22-48	-	46	-	58	41	84		218	46	184	.4	9.8	577	313	134	37	2.1	979	-	GS
	3-22-48	-	45	-	59	42	82		216	44	190	-	9.5	6/578	320	142	36	2.0	991	-	GS
10cbb[29]	8-20-58	-	8.6	-	157	101	429		282	798	480	-	2.3	2,110	808	577	54	6.6	3,190	7.6	GS
27ddc-1	3- 6-33	57	-	-	82	37	39		176	75	155	-	1.8	7/476	357	213	19	.9	-	-	GS
30cda-1	11-23-40	-	34	.10	94	38	114		216	74	220	.2	5.0	6/841	394	217	-	-	-	7.5	DH
32dca-1	8-27-58	-	25	.00	101	44	148		360	166	196	-	11	868	432	137	43	3.1	1,440	7.5	GS
34acb[29]	8-21-58	60	27	-	160	79	260		488	402	330	-	7.1	1,510	725	325	44	4.2	2,300	7.4	GS
34dda-1	9-17-58	57	29	.00	74	31	50		173	68	146	-	2.8	486	312	170	26	1.2	855	7.6	GS
34dda-2[29]	8-20-58	58	23	.00	200	71	179		246	412	385	-	7.1	1,400	790	588	33	2.8	2,200	7.3	GS
(C-2-2)																					
5aac	8- 4-58	68	57	-	363	105	195		409	284	310	-	856	2,370	1,340	1,000	24	2.3	3,320	7.5	GS
	1- 7-59	48	47	-	297	90	207		348	251	290	-	750	2,100	1,110	825	29	2.7	2,860	7.8	GS
8baa-2	2-26-53	-	60	.54	59	28	58		230	20	121	.4	4.7	6/488	260	71	-	-	-	7.8	DH
8baa-3	2-26-53	-	57	4.3	73	31	47		223	27	139	.3	5.6	6/546	311	128	-	-	-	7.7	DH
9bca-1	11- 3-58	56	58	.01	75	31	49		218	25	150	-	5.6	501	314	135	25	1.2	861	7.3	GS
9bdb-1	11- 3-58	56	59	.01	87	34	90		294	36	190	-	5.8	647	356	115	35	2.1	987	7.6	GS
24aaa-1	5-13-33	-	-	-	65	-	188		163	16	363	-	1.5	-	255	122	62	5.1	-	-	GS
(C-3-1)																					
4ddd-1[29]	8-27-58	-	22	.00	253	92	166		292	579	368	-	11	1,640	1,010	771	26	2.3	2,430	7.4	GS
6dbc-2	8-27-58	-	28	.00	178	65	144		232	441	260	-	10	1,240	710	520	31	2.4	1,860	7.4	GS
9ccc-1	8-13-58	57	33	-	425	156	122		544	1,150	225	-	7.5	2,390	1,700	1,250	14	1.3	2,960	7.1	GS

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley - Continued

Well or spring number	Date of collection	Temperature (°F)	Parts per million: Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K: Sodium (Na)	Na + K: Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
West Slope district - Continued																					
(C-3-1)																					
15bda-1	3- 7-33	-	24	0.02	80	31	47	2.9	178	89	128	-	7.4	497	327	181	24	1.1	-	-	GS
15bda-2	11-23-51	-	21	.23	110	35	71		177	132	185	0.0	33	6/712	419	274	-	-	-	7.6	DH
15dda-1	8-20-58	55	17	.00	64	29	59		136	72	155	-	1.0	464	278	166	32	1.5	842	7.6	GS
18abc[30]	9-11-58	-	139	-	648	2,390	3,290		-	17,400	388	-	.7	24,300	11,400	11,400	38	13	9,970	3.0	GS
26cad-1[29]	12- 9-31	56	-	-	230	69	111		230	339	390	-	7.5	7/1,260	858	668	22	1.6	-	-	GS
26cdb-1[29]	11- 9-31	56	-	-	232	70	102		228	335	392	-	-	7/1,240	867	680	20	1.5	-	-	GS
30aba-1	10- 7-57	57	23	-	216	61	42		306	320	208	-	4.4	1,020	790	539	10	.6	1,610	7.3	GS
	8-14-58	58	29	-	199	51	61		294	317	186	-	3.9	992	704	463	16	1.0	1,510	7.5	GS
30acd-1	8-13-58	55	24	-	174	43	52		243	299	150	-	3.5	864	612	413	16	.9	1,320	7.6	GS
31dcd-3	8-12-58	-	55	-	87	22	48		265	36	111	-	1.8	491	308	91	25	1.2	802	7.5	GS
32abb-1	10-22-58	-	23	.01	109	32	42		223	75	164	-	3.5	559	404	221	18	.9	985	7.7	GS
32cdc-1[31]	1- 55	-	63	5/.60	83	15	54		32/224	27	113	.3	2.8	6/519	268	84	-	-	-	8.1	DH
	1-11-55	-	65	.12	67	27	39	10	218	28	116	.1	1.2	460	278	100	23	1.0	758	7.6	GS
32dcc-1	10-10-57	55	22	-	216	50	40		308	72	352	-	8.4	911	744	491	10	.6	1,760	7.1	GS
	8-12-58	55	34	-	212	47	66		309	142	325	-	7.1	985	722	469	16	1.1	1,700	7.7	GS
(C-3-2)																					
5aac-1	1- 45	-	61	.18	86	35	-	-	-	13	142	-	1.2	6/636	359	-	-	-	-	7.1	DH
5acb-1	1- 45	-	61	.13	83	32	-	-	-	21	134	-	2.4	6/719	338	-	-	-	-	7.8	DH
5adb-1	7- 46	-	25	-	89	1.4	101		-	21	144	-	-	6/686	230	-	-	-	-	8.3	DH
26ccc-1	8-12-58	54	33	-	205	53	78		366	261	220	-	19	1,050	728	428	19	1.3	1,640	7.8	GS
34daa-1[33]	5-20-55	-	24	.03	110	32	36	2.1	297	127	74	.0	1.5	553	406	162	16	.8	877	7.6	GS
35bdc-1	8-18-54	-	22	5/.04	229	37	63		316	128	329	.2	7.6	6/1,140	726	467	-	-	-	7.4	DH
	8-12-58	54	32	-	236	69	58		326	158	395	-	14	1,120	874	607	13	.9	1,940	7.6	GS
(C-4-1)																					
5ccb-1	5-15-33	-	-	-	528	178	146		312	545	1,100	-	-	6/2,650	1,050	1,790	13	1.4	-	-	GS
6acb-1	8-12-58	-	58	-	92	3.6	91		278	33	127	-	1.4	543	245	17	45	2.5	874	7.7	GS
6adc-1	10-10-57	58	22	-	85	22	130		248	203	120	-	2.3	706	302	99	48	3.3	851	7.1	GS
	8-12-58	58	56	-	68	19	58		234	59	84	-	.8	460	247	55	34	1.6	725	7.4	GS
10bdd-1[29]	8-28-58	-	19	.00	105	74	228		298	327	315	-	40	1,260	566	322	47	4.2	1,990	7.3	GS
22add	7-30-58	70	24	-	65	23	32		250	40	57	-	.8	365	258	53	21	.9	639	7.6	GS
26cba	8-15-58	60	57	.09	89	28	72		296	91	110	-	1.8	595	337	94	32	1.7	954	7.2	GS
27dcd	7-30-58	55	55	-	114	22	47		256	35	161	-	2.4	562	374	164	21	1.0	911	7.4	GS
Northwest Lake Plain district																					
(B-1-1)																					
5ddd-1	9-27-32	83	64	0.04	62	14	324	12	214	1.6	535	1.3	0.0	1,120	212	36	76	9.7	-	-	GS
	8-26-58	83	63	-	59	11	328		220	3.7	510	-	.7	1,080	192	12	79	10	1,980	7.4	GS
6cca-1	8-26-58	72	28	.15	11	5.4	207		452	1.6	91	-	.5	567	50	0	90	13	926	7.6	GS
9aba-1	8-26-58	67	37	.37	138	39	467		34/305	.8	898	-	1.6	1,730	504	254	67	9.0	3,160	7.2	GS
19baa-3	11-13-31	66	-	-	24	-	275		34/443	2	266	-	-	-	142	0	81	10	-	-	GS
19baa-5	11-13-31	73	-	-	32	-	276		308	2	345	-	-	-	141	0	81	10	-	-	GS
19bab-1	11-13-31	74	-	-	30	-	295		282	2	405	-	-	-	162	0	81	10	-	-	GS
21dba-2	8-26-58	64	35	.16	142	105	1,050		446	.8	1,920	-	4.2	3,480	785	419	74	16	6,300	7.2	GS
27cdd-3	3-13-33	61	-	-	58	39	825		700	2	1,080	-	.0	7/2,350	305	0	85	21	-	-	GS
27dcb-2	3-13-33	55	-	.40	28	-	311		600	2	228	-	.25	-	140	0	83	11	-	-	GS
(B-1-2)																					
15bcb-2	5-19-33	66	-	-	12	-	168		290	2	124	-	.0	-	50	0	88	10	-	-	GS
	8-19-58	67	26	.13	12	8.0	175		308	.4	136	-	.3	509	64	0	86	9.5	874	7.6	GS
25cad	8-19-58	84	6.5	.03	1,120	601	10,200		35/98	953	18,800	-	52	31,800	5,260	5,180	81	61	46,400	8.4	GS
31aad-1	8-26-58	68	39	-	73	43	721		231	97	1,160	-	2.3	2,250	360	171	81	17	4,120	7.8	GS
36baa-1	11-12-31	84	-	-	240	76	1,130		174	60	2,240	-	-	-	912	769	73	16	-	-	GS
	10-18-57	83	41	-	200	58	1,020		180	57	1,950	-	1.2	3,420	736	588	75	16	6,040	7.1	GS
	8-19-58	82	48	-	205	56	1,060		166	52	2,020	-	8.4	3,530	744	608	76	17	6,290	7.2	GS
(B-2-2)																					
35cdc-1	5-19-33	72	-	-	13	-	188		226	2	194	-	.0	-	52	0	89	11	-	-	GS
	8-26-58	80	27	.02	14	3.6	171		270	2.9	140	-	.9	492	50	0	88	11	853	7.8	GS
(C-1-1)																					
9aab-2	8-18-58	57	20	-	27	16	92		223	84	40	-	5.8	395	132	0	60	3.5	634	7.8	GS
15abb-2	3-30-32	55	-	-	35	-	66		227	70	43	-	.1	-	177	0	45	2.1	-	-	GS
15bdd-11	10- 8-57	62	22	-	84	28	42		218	200	19	-	2.1	504	324	145	22	1.0	755	7.6	GS
	8-18-58	-	21	-	84	28	42		199	214	19	-	2.3	6/508	324	161	22	1.0	758	7.6	GS
18bba-1	6- 2-41	-	-	-	-	-	-	-	156	64	455	-	-	-	345	217	-	-	-	-	GS
	10-15-41	68	-	-	-	-	-	-	180	40	595	-	-	-	318	170	-	-	-	-	GS
18ddd-1	8- 4-58	72	52	-	62	35	135		164	44	290	-	.4	699	296	162	50	3.4	1,270	7.6	GS
18ddd-2	10- 8-57	71	37	-	56	24	169		144	73	290	-	.9	721	236	118	61	4.8	1,280	7.1	GS
	8- 4-58	72	37	-	58	26	164		144	75	290	-	.6	722	250	132	59	4.5	1,290	7.6	GS
19aab-1	11-21-47	-	53	.20	58	36	147		144	76	295	.2	.0	6/847	290	172	-	-	-	-	DH
21dcb-1	8-19-58	64	58	.04	38	15	61		195	74	38	-	.5	381	159	0	45	2.1	558	7.5	GS
22ada-3	9-18-58	56	30	.01	38	19	48		302	5.8	16	-	.4	306	172	0	38	1.6	510	7.6	GS
22bda-1[36]	6- 3-52	58	25	5/.55	65	24	46	2.3	206	151	19	.2	1.6	436	260	92	28	1.2	667	7.4	GS
22cda-2	11-25-53	-	20	.26	54	20	21		216	66	9.6	.2	1.9	6/334	216	39	-	-	-	7.6	DH
26cc	2-16-55	-	23	.29	78	12	37		221	104	16	.3	.0	6/395	244	63	-	-	-	7.4	DH
27dac-4	2- 2-55	-	26	.55	71	14	37		37/220	115	12	.6	.0	6/345	236	56	-	-	-	8.0	DH
27dda-2	6- 2-41	54	-	-	-	-	-	-	185	220	448	-	-	-	735	583	-	-	-	-	GS
	4- 2-42	56	-	-	-	-	-	-	222	240	455	-	-	-	855	673	-	-	-	-	GS

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley - Continued

Well or spring number	Date of collection	Temperature (°F)	Parts per million: Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
Northwest Lake Plain district - Continued																						
(C-1-1)																						
27dda-6	2-16-55	-	24	0.60	64	9.0		23		172	84	14	-	0.0	[6]/312	198	57	-	-	-	7.8	DH
27dda-8	5-13-58	70	25	-	55	15		84		175	131	74	-	.2	470	201	58	48	2.6	736	7.4	GS
	8-18-58	-	23	-	57	17		73		173	134	63	-	.1	452	211	69	43	2.2	721	7.7	GS
28cdd-1	3- 6-33	53	-	1.0	40	-		71		236	65	105	-	2.8	-	258	64	37	1.9	-	-	GS
28dbb-2	10-10-57	61	31	-	37	13		48		194	57	23	-	.3	304	146	0	42	1.7	475	7.7	GS
	8-18-58	66	32	-	36	14		48		192	58	24	-	1.4	307	148	0	42	1.7	483	7.8	GS
33abb-1	10- 8-57	58	46	-	40	22		60		200	46	74	-	3.8	390	189	25	41	1.9	635	7.1	GS
	8-18-58	60	47	-	40	24		56		195	49	74	-	4.1	390	198	38	38	1.7	632	7.5	GS
34cdc-2	10-10-57	56	59	-	83	55		101		194	179	220	-	1.0	793	436	277	34	2.1	1,280	7.4	GS
	8-18-58	57	55	-	85	55		97		198	179	228	-	2.4	798	437	275	33	2.0	1,310	7.9	GS
34dda-1	4-25-58	60	46	-	36	8.8		36		156	56	13	-	.4	273	127	0	38	1.4	401	7.6	GS
(C-1-2)																						
5bbb-1	11-12-31	64	-	-	188	116		1,030		152	65	2,120	-	-	[6]/3,600	946	822	70	15	-	-	GS
6aaa-1	8-15-58	-	21	-	269	141		819		66	35	2,080	-	7.6	3,400	1,250	1,200	59	10	6,240	7.3	GS
6aaa-4	8-15-58	-	24	-	98	62		531		113	44	1,070	-	10	1,900	500	407	70	10	3,530	7.6	GS
8ddd-1	8-22-58	60	50	[5]/.04	56	41		735		338	209	1,000	-	1.9	2,260	308	31	84	18	3,890	7.6	GS
9ddc-1	8-19-58	-	49	-	24	18		433		360	115	470	-	.7	1,290	136	0	87	16	2,200	7.9	GS
12daa-2	8-28-58	75	8.0	-	52	24		164		148	106	250	-	.6	678	228	107	61	4.7	1,220	7.3	GS
19dad-1	8- 3-55	-	42	.00	60	24		408		271	212	484	0.5	10	[6]/1,330	250	28	-	-	-	7.9	DH
20bcd-1	11-10-31	55	-	-	158	64		291		241	189	635	-	-	[6]/1,460	657	46	49	4.9	-	-	GS
20cbc-1	8-15-58	56	32	-	132	53		339		343	278	498	-	13	1,510	546	265	57	6.3	2,500	7.6	GS
22acc-1	11-17-47	-	64	.00	25	15		207		252	91	191	.7	-	[6]/862	124	0	-	-	-	8.6	DH
22bcd-4	10- 8-57	61	32	-	31	12		272		266	98	279	-	4.8	860	126	0	82	11	1,480	7.5	GS
	8- 4-58	62	54	.01	30	14		260		260	95	270	-	4.6	856	130	0	81	9.9	1,480	7.8	GS
22bdc-3	11-17-47	-	57	.00	25	15		200		252	79	190	.7	-	[6]/840	126	0	-	-	-	8.5	DH
22bdd-4	8- 4-58	57	54	-	40	22		268		276	145	278	-	6.5	950	192	0	75	8.4	1,600	7.9	GS
22cbb-1	8- 4-58	61	54	-	27	12		279		272	103	277	-	4.5	890	118	0	84	11	1,510	8.2	GS
22dcc-3	8- 5-58	55	57	.01	64	36		359		382	299	320	-	14	1,340	306	0	72	8.9	2,160	7.6	GS
23cdd-8	8- 5-58	70	82	-	30	17		354		284	224	312	-	13	1,170	146	0	84	13	1,890	7.9	GS
23cdd-17	8- 5-58	71	81	.01	29	15		347		281	220	300	-	8.0	1,140	135	0	85	13	1,830	7.8	GS
23ddb-2	8- 5-58	63	75	.08	38	17		277		241	163	280	-	7.0	976	166	0	78	9.3	1,640	7.9	GS
23ddc-1	8- 5-58	64	75	.01	35	17		298		280	181	270	-	8.6	1,020	158	0	80	10	1,660	7.7	GS
26bab-1	8- 5-58	-	81	-	24	13		384		[38]/286	240	323	-	11	1,220	114	0	88	16	1,970	8.4	GS
27	3-13-53	-	63	.10	36	17		320		255	219	291	.6	11	[6]/1,020	161	0	-	-	-	8.0	DH
27	3-13-53	-	74	.18	33	19		306		270	168	291	.6	23	[6]/1,110	161	0	-	-	-	8.0	DH
27abc-1	8- 5-58	57	60	.01	64	40		384		405	338	325	-	23	[6]/1,430	326	0	72	9.3	2,280	7.6	GS
(C-1-3)																						
15bdc-1	12-15-37	-	19	-	287	214	3,230		78	283	147	6,000	-	-	[6]/10,120	-	-	-	-	-	7.3	KC
15cbd-1	12-15-37	-	12	-	110	48	760		13	304	60	1,330	-	-	[6]/ 2,485	-	-	-	-	-	7.5	KC
15dbb-1	11-15-37	-	14	-	250	108	2,380		69	336	110	4,290	-	-	[6]/ 7,389	-	-	-	-	-	-	KC
15dbd-1	12-15-37	-	14	-	147	67	1,060		21	290	231	1,830	-	-	[6]/ 3,515	-	-	-	-	-	7.4	KC
17dcb-1[39]	6- 6-55	88	18	.04	303	98	3,490		89	319	152	6,000	.6	6.4	10,300	1,160	898	86	45	16,900	6.9	GS
	6-17-55	85	17	.10	321	103	3,670		89	325	148	6,280	.6	8.7	10,800	1,220	958	86	46	17,600	6.9	GS
(C-2-1)																						
2bcc-2	5-27-58	60	24	-	40	12		23		148	58	14	-	.2	244	151	30	25	.8	394	7.9	GS
10abd-1	3- 6-33	53	-		70	28		52		133	85	145	-	.0	[7]/446	290	181	28	1.3	-	-	GS
11bad-1	7-14-55	-	24	.15	45	13		26		151	70	18	.5	.1	[6]/270	166	42	-	-	-	8.0	DH
12bbb-4	10-15-57	56	15	-	49	19		35		145	126	18	-	.6	334	200	81	28	1.1	512	7.4	GS
12bbb-6	10-17-57	58	16	-	51	16		32		147	112	18	-	.8	318	194	73	26	1.0	503	7.2	GS

[1]/Dissolved solids are calculated from determined constituents except as noted.
[2]/Analysis by: DH, Utah State Department of Health. KC, Kennecott Copper Corp. SU, Utah State University, Logan, Utah. GS, U.S. Geological Survey. SL, City Chemist, Salt Lake City, Utah. UO, Utah Oil Refining Co.
[3]/Analysis of 8-8-49 includes .06 ppm (parts per million) boron (B), and analysis of 9-22-49 includes .01 ppm boron (B) and .00 ppm manganese (Mn).
[4]/Includes .16 ppm boron (B) and .76 ppm manganese (Mn).
[5]/Iron (Fe) in solution at time of collection.
[6]/Residue on evaporation.
[7]/Dissolved solids does not include silica (SiO_2).
[8]/Analysis of 8-27-57 includes .00 ppm manganese (Mn).
[9]/Analysis of 8-7-57 includes .00 ppm manganese (Mn).
[10]/Analysis includes .00 ppm manganese (Mn).
[11]/Analysis includes .00 ppm manganese (Mn).
[12]/Includes equivalent of 3 ppm carbonate (CO_3).
[13]/Analysis of 5-6-54 includes .10 ppm boron (B) and .49 ppm manganese (Mn), and analysis of 7-23-57 includes .09 ppm boron (B) and .00 ppm manganese (Mn).
[14]/Analysis of 6-30-52 includes .0 ppm lithium (Li).
[15]/Includes equivalent of 14 ppm carbonate (CO_3).
[16]/Analysis includes .07 ppm boron (B) and .00 ppm manganese (Mn).
[17]/Both 1954 samples taken while well was being drilled; the 11-15-54 sample at well depth of 245 feet, and the 11-30-54 sample at well depth of 510 feet.
[18]/Includes equivalent of 3 ppm carbonate (CO_3).
[19]/Includes equivalent of 6 ppm carbonate (CO_3).
[20]/Includes equivalent of 5 ppm carbonate (CO_3).
[21]/Includes equivalent of 7 ppm carbonate (CO_3).
[22]/Includes equivalent of 8 ppm carbonate (CO_3).
[23]/Analysis includes .00 ppm manganese (Mn).
[24]/Includes equivalent of 3 ppm carbonate (CO_3).
[25]/Analysis of 8-6-57 includes .00 ppm manganese (Mn).

Table 3.--Chemical analyses of water from selected wells and springs in the Jordan Valley - Continued

26/Analysis of 8-17-55 includes .03 ppm boron (B) and .00 ppm manganese (Mn), and analysis of 9-1-55 includes .02 ppm boron (B).
27/The first analysis is from sample collected when pump discharged 25 gpm (gallons per minute) and includes .40 ppm boron (B) and .88 ppm manganese (Mn). The second analysis is from sample collected when pump discharged 60 gpm and includes .41 ppm boron (B) and .86 ppm manganese (Mn).
28/Samples of 1958 were collected while drilling the well at depth of 500, 600, 1,000, and 1,150 feet. Samples of 1959 were collected while developing the well after pumping the well for ½ hour at 500 gpm, 3 3/4 hours at 920 gpm, and 8 hours at 1,560 gpm.
29/Part of the water of this sample is thought to originate from irrigation seepage from the Jordan River canal system.
30/Water is from seep below Bingham evaporating ponds. Analysis includes acidity of 54 ppm as H_2SO_4 and density of 1.019.
31/Analysis of 1-11-55 includes .08 ppm boron (B).
32/Includes equivalent of 2 ppm carbonate (CO_3).
33/Includes .02 ppm boron (B) and .10 ppm manganese (Mn).
34/Includes equivalent of 10 ppm carbonate (CO_3).
35/Includes equivalent of 21 ppm carbonate (CO_3).
36/Analysis of 6-3-52 includes .08 ppm boron (B) and .00 ppm manganese (Mn).
37/Includes equivalent of 1 ppm carbonate (CO_3).
38/Includes equivalent of 8 ppm carbonate (CO_3).
39/Analysis of 6-6-55 includes .62 ppm boron (B) and .30 ppm manganese (Mn), and analysis of 6-17-55 includes .71 ppm boron (B) and .22 ppm manganese (Mn).

Table 4.--Chemical analyses of surface water in the Jordan Valley

Stream or canal	Location of collection point	Date of collection	Temperature (°F)	Parts per million																		Analysis by2/
				Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K		Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids1/	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	
								Sodium (Na)	Potassium (K)													
City Creek3/	At mouth of canyon (A-1-1)30dba	8-17-48	57	14	-	71	19	11		284	19	18	0.1	0.1	292	255	22	8	0.3	495	-	GS
		4-11-51	39	10	0.03	58	16	7.4	3.5	242	15	12	.1	.5	242	210	12	7	.2	418	7.9	GS
		2-27-56	-	12	-	50	13	6		244	17	10	-	-	4/272	178	0	-	-	-	8.4	SL
Red Butte Creek	At mouth of canyon (D-1-1)3abb	8-17-48	57	17	-	88	30	22		5/289	123	18	.0	.1	440	343	106	12	.5	658	-	GS
		10-20-48	55	13	.05	73	26	19		264	88	15	.2	.2	364	289	72	12	.5	580	8.1	GS
		6-19-50	55	12	-	76	23	9.9		265	67	13	.1	.1	332	284	67	7	.3	548	8.2	GS
Emigration Creek	At mouth of canyon (D-1-1)11abd	8-17-48	55	17	-	114	31	5.5		313	133	19	.2	1.9	476	412	156	3	.1	775	-	GS
		9- 51	-	8	-	125	33	18		140	190	21	-	-	4/577	447	332	-	-	-	8.2	SL
		2-27-56	-	27	-	118	18	19		317	158	22	-	-	4/537	368	108	-	-	-	8.2	SL
Parleys Creek	Near mouth of canyon (D-1-1)24 cdd	2-19-48	49	13	-	87	21	21		298	76	18	-	.6	383	304	60	13	.5	621	-	GS
		5-18-48	49	10	-	63	9.0	9.0		6/210	26	10	-	.6	231	194	22	9	.3	389	-	GS
		8-17-48	57	12	-	86	18	15		7/283	66	15	.1	.2	352	288	56	10	.4	573	-	GS
Mill Creek	At mouth of canyon (D-1-1)36dbb	8- 3-56	-	9.4	.00	74	25	5.9	.7	203	118	5.9	.0	.6	340	287	121	4	.2	547	7.9	GS
		11-30-56	-	10	-	90	28	9.2		238	145	8.0	-	2.9	410	340	145	6	.2	630	7.5	GS
		5- 8-57	-	9.3	-	76	20	4.8		225	82	7.2	-	3.3	314	272	88	4	.1	518	7.8	GS
	At bridge on 9th East about 34th South (D-1-1)32 bab	11-22-50	-	12	-	86	31	8.7		8/256	128	12	-	1.1	405	342	132	5	.2	618	-	GS
	Near 3000 South 300 West (C-1-1) 25acb	11-22-50	-	15	-	114	48	58	8.0	323	223	64	.4	11	700	482	218	20	1.2	1,070	7.6	GS
Spring Creek	At Wander Lane (D-2-1)3ddd	9-22-58	54	8.7	.01	77	24	12		217	121	8.0	-	.7	358	291	113	8	.3	555	7.8	GS
Big Cottonwood Creek	At the intake (D-2-1)25aca	6- 1-49	-	5.4	-	22	7.5	3.4		90	15	2.0	.2	.5	100	86	12	8	.2	176	7.6	GS
		10-20-49	-	8.4	.04	40	13	2.7	3.8	143	36	4.2	.0	.5	179	153	36	4	.9	299	8.2	GS
		2-23-55	-	8.0	.02	46	16	3.2	.9	160	51	3.5	.1	.5	208	181	49	4	.1	357	8.2	GS
	At 9th East (D-2-1)8baa	4- 5-50	-	11	-	76	30	35	5.1	219	131	55	.3	.8	452	313	134	19	.9	740	8.2	GS
		7-21-50	72	-	-	-	-	78		9/236	160	98	-	.2	-	328	134	34	1.9	949	-	GS
		11-22-50	52	12	-	73	27	36	4.3	232	104	54	.1	.1	425	293	103	21	.9	724	7.4	GS
	At 300 West (C-2-1)1abb	4- 5-50	53	22	-	76	36	60	6.0	278	132	74	.7	3.1	547	338	110	27	1.4	862	8.0	GS
		7-21-50	62	-	-	-	-	89		10/242	144	103	-	.2	-	300	102	39	2.2	940	-	GS
		11-22-50	-	15	-	86	43	70	8.7	291	158	95	.4	3.5	623	392	153	27	1.5	1,020	7.6	GS
Spring Run Creek	At 48th South and 9th East (D-2-1) 8bad	4- 5-50	-	13	-	67	27	32	4.4	231	89	48	.2	4.1	398	278	88	20	.8	685	8.1	GS
		7-21-50	71	-	-	-	-	76		10/200	119	84	-	.3	-	242	78	40	2.1	799	-	GS
		11-22-50	53	15	-	73	33	53	6.4	258	112	79	.1	3.6	502	318	106	26	1.3	851	7.4	GS
Little Cottonwood Creek	At the intake (D-3-2)7dac	6- 1-49	-	5.4	-	14	3.5	5.2		48	17	1.8	.2	.5	71	49	10	18	.3	119	7.5	GS
		9-22-49	-	8.1	.01	25	5.2	3.2	5.1	74	32	2.2	.2	.1	118	84	23	7	.2	187	8.1	GS
		2-23-55	-	7.8	.04	29	6.7	3.4	.8	78	38	2.2	.3	.4	127	100	36	7	.1	215	7.9	GS
	9th East and 60th South (D-2-1) 17cdb	4- 5-50	-	13	-	63	23	39	4.3	214	88	51	.4	3.0	390	252	76	25	1.1	652	7.9	GS
		7-21-50	63	-	-	-	-	79		254	124	93	-	4.7	-	300	92	36	2.0	908	-	GS
		11-22-50	51	15	-	70	29	55	6.6	230	109	83	.4	3.0	484	294	105	28	1.4	803	-	GS
	50 yards above Jordan River (C-2-1)12bba	4- 5-50	-	13	-	73	31	62	7.4	249	128	80	.4	3.5	521	310	106	30	1.5	853	8.1	GS
		7-21-50	-	-	-	-	-	91		274	156	113	-	5.0	-	352	128	36	2.1	1,050	-	GS
		11-22-50	48	16	-	79	36	74	9.9	266	142	98	.5	5.0	591	345	127	31	1.7	966	7.5	GS
Union and East Jordan Ditch	Bridge on Creek Road (D-2-1)28ccc	9-16-58	59	8.8	-	34	6.3	7.6		104	35	3.5	-	2.4	149	112	27	13	.3	238	7.5	GS
Sandy Ditch	At 1300 East (D-3-1)4cbb	9-15-58	61	8.4	-	38	8.3	8.0		118	34	9.0	-	.7	164	128	31	12	.3	281	7.8	GS
Dry Creek	At State Street (C-3-1)13aaa	9-22-58	68	21	.00	79	67	236		278	349	278	-	1.0	1,170	472	244	52	4.7	1,840	7.6	GS
	At 100th South (C-3-1)12cbd	1- 7-59	40	18	-	168	117	382		436	607	510	-	27	2,040	900	542	48	5.5	3,150	7.7	GS
Draper Irrigation Co. Ditch	At Granite Park (D-3-1)22add	9-15-58	62	9.3	-	36	6.8	9.2		116	27	10	-	.8	156	118	23	14	.4	266	7.6	GS

Table 4.--Chemical analyses of surface water in the Jordan Valley - Continued

Stream or canal	Location of collection point	Date of collection	Temperature (°F)	Parts per million														Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
				Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K: Sodium (Na)	Na + K: Potassium (K)	Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$					
Willow Creek Wash	Near Draper (D-3-1)28cad	7-30-49	-	-	-	13	2.0	3.9	3.1	51	5.8	3.2	-	0.2	-	40	0	16	-	100	-	SU
Willow Creek	At 114th South (C-3-1)24cba	9- 6-58	70	24	-	114	82	296		340	456	360	-	2.7	1,500	620	341	51	5.2	2,380	7.5	GS
		1- 7-59	46	25	-	154	101	331		397	568	422	-	9.4	1,810	800	474	47	5.1	2,760	8.0	GS
Draper Irrigation Canal	At State Street (C-4-1)12acd	9-15-58	65	21	-	59	62	220		204	324	265	-	2.3	1,050	402	235	54	4.8	1,720	7.6	GS
	At Draper (D-3-1)28ccb	5- 6-49	-	-	-	63	61	174	25	264	269	224	-	1.0	-	412	196	46	-	1,630	-	SU
		6- 6-49	-	-	-	63	56	156	24	253	246	193	-	.8	-	387	180	45	-	1,430	-	SU
		7-30-49	-	-	-	57	57	200	30	229	296	252	-	.4	-	376	189	51	-	1,700	-	SU
East Jordan Canal	At State Street (D-4-1)7bbb	9-15-58	65	21	-	61	61	225		204	316	280	-	1.6	1,070	404	237	55	4.9	1,720	7.6	GS
	At 90th South (D-3-1)6cba	9-15-58	66	20	-	58	64	219		206	321	270	-	2.0	1,060	408	239	54	4.7	1,750	7.6	GS
	At 6200 South (D-2-1)22bbb	9-30-49	-	-	-	63	57	168	27	249	258	215	-	.8	-	392	187	46	-	1,500	-	SU
		9-16-58	64	23	-	66	60	220		209	330	265	-	2.7	1,070	412	241	54	4.7	1,720	7.6	GS
Jordan and Salt Lake City Canal	At Bluffdale Road (C-4-1)11caa	9-15-58	65	20	-	63	60	223		206	317	275	-	1.4	1,060	404	235	55	4.8	1,710	7.7	GS
	At 90th South (C-3-1)1daa	9-15-58	66	21	-	64	62	230		214	324	285	-	1.7	1,090	416	241	55	4.9	1,780	7.6	GS
	At Midvale (D-2-1)30cdc	6- 6-49	-	-	-	110	80	202	29	303	305	332	-	1.6	-	604	355	41	-	2,000	-	SU
	At 48th South (D-2-1)10bbb	9-16-58	64	22	-	61	65	221		216	330	268	-	2.7	1,080	420	243	53	4.7	1,730	7.5	GS
	At 27th South (D-1-1)20ddc	9-16-58	64	19	-	66	59	222		214	319	271	-	1.3	1,060	408	233	54	4.8	1,740	7.8	GS
Unnamed creek at Bluffdale	At Redwood Road (C-4-1)10bda	9-11-58	74	23	-	58	65	229		212	338	270	-	2.4	1,090	410	236	55	4.9	1,730	7.4	GS
Rose Creek	At Redwood Road (C-4-1)3dcb	9-11-58	78	27	-	70	66	246		250	361	282	-	2.0	1,180	446	241	54	5.1	1,870	7.5	GS
Unnamed creek	13500 South 13th West (C-4-1)3aad	9-11-58	66	37	-	139	82	287		452	420	350	-	7.7	1,540	684	313	48	4.8	2,380	7.8	GS
		1- 7-59	46	35	-	128	90	262		427	410	335	-	11	1,480	690	340	45	4.3	2,330	7.8	GS
Midas Creek	At 27th West (C-3-1)21cda	9-11-58	71	17	-	55	50	178		176	268	215	-	1.2	871	340	196	53	4.2	1,440	7.9	GS
	At 13th West (C-3-1)22dda	1- 7-59	45	30	-	333	95	325		420	863	478	-	11	2,340	1,220	876	37	4.0	3,350	7.7	GS
Provo Reservoir Canal	At Redwood Road (C-4-1)27aba	8-18-58	61	8.9	0.01	41	7.5	14		11/150	30	6.0	-	1.6	183	134	11	18	.5	296	8.4	GS
	At Riverton (C-3-1)31aba	6- 3-49	-	-	-	55	10	11	4.7	188	52	9.9	-	-	-	178	24	12	-	430	-	SU
	At 114th South (C-3-1)19add	9-11-58	69	12	-	63	17	13		176	69	28	-	1.4	290	228	84	11	.4	491	7.8	GS
	At 78th South (C-2-1)30cdc	8-18-58	-	6.0	-	44	12	17		121	60	24	-	1.2	224	159	60	19	.6	377	7.8	GS
Utah Lake Distributing Canal	At Jordan Narrows (C-4-1)26bca	8-15-58	76	18	.02	51	50	162		197	236	195	-	2.2	811	332	170	51	3.9	1,360	8.0	GS
	At Riverton (C-3-1)29ddd	6- 3-49	-	-	-	61	26	82	15	221	140	101	-	.9	-	259	78	39	-	930	-	SU
	At 54th South (C-2-1)17bab	8-18-58	-	16	-	62	48	166		198	259	198	-	2.1	848	352	190	51	3.9	1,400	8.0	GS
Utah and Salt Lake Canal	At Jordan Narrows (C-4-1)26bdb	8-18-58	78	21	.01	54	63	196		212	272	255	-	2.7	968	392	218	52	4.3	1,660	8.0	GS
	At Riverton (C-3-1)28ddd	6- 3-49	-	-	-	64	51	186	28	262	272	232	-	.9	-	369	154	50	-	1,550	-	SU
		9-20-49	-	-	-	47	73	230	40	221	335	296	-	.4	-	417	236	52	-	1,820	-	SU
	At 84th West (C-1-2)32acb	8-18-58	-	20	-	63	58	221		214	315	264	-	2.3	1,050	396	221	55	4.8	1,700	7.8	GS
South Jordan Canal	At Riverton (C-3-1)27dcd	6- 6-49	-	-	-	63	76	154	24	271	235	192	-	.8	-	470	247	40	-	1,430	-	SU
	At 47th South (C-2-1)8aab	8-18-58	-	20	-	58	63	212		223	305	258	-	3.3	1,030	405	222	53	4.6	1,690	7.6	GS
North Jordan Canal	At 90th South (C-3-1)2dbb	8-18-58	-	33	-	213	80	281		336	560	430	-	7.2	1,770	860	584	42	4.2	2,650	7.7	GS
	At Taylorsville (C-2-1)10aac	6-29-49	-	-	-	142	81	260	34	329	539	395	-	1.4	-	687	414	44	-	2,500	-	SU
	At 35th South (C-1-2)36aaa	8-18-58	-	31	-	176	78	262		324	501	380	-	9.0	1,600	760	494	43	4.1	2,460	7.8	GS
Riter Canal	At 56th West (C-1-2)23dad	8- 5-58	-	21	-	114	97	315		249	533	428	-	8.1	1,640	684	480	50	5.2	2,600	7.8	GS
Jordan River	At Jordan Narrows (C-4-1)26bdc	3- 6-56	-	27	.01	112	73	184		278	349	274	0.4	1.2	1,160	580	352	41	3.3	1,880	7.7	GS
		4- 2-56	-	32	-	145	79	245		231	497	362	-	1.9	1,480	688	499	44	4.1	2,250	7.4	GS
		6- 5-56	-	16	.03	65	74	217		252	329	275	-	3.3	1,100	468	261	50	3.0	1,820	7.5	GS
		8- 3-56	-	21	.00	74	77	248	25	230	380	338	.9	3.1	1,280	502	313	50	4.8	2,110	7.4	GS
		10- 1-56	-	22	.01	75	88	312	27	242	466	390	.9	1.7	1,500	548	350	54	5.8	2,350	7.9	GS
		11-29-56	-	48	-	129	66	177		306	317	280	-	1.0	1,170	592	341	39	3.2	1,870	7.4	GS
		2- 7-57	-	48	-	109	46	121		284	237	172	-	1.9	875	460	227	36	2.5	1,340	7.7	GS
	At 33rd South (C-1-1)26cca	3- 6-56	-	22	.04	152	69	187		301	395	287	.4	7.9	1,250	662	416	38	3.2	1,980	7.6	GS
		4- 2-56	-	21	-	150	60	170		279	365	264	-	12	1,180	620	391	37	3.0	1,830	7.3	GS
		6- 5-56	-	11	.03	65	28	75		155	148	110	-	3.8	517	276	149	37	2.0	874	7.2	GS

Table 4.--Chemical analyses of surface water in the Jordan Valley - Continued

Stream or Canal	Location of collection point	Date of collection	Temperature (°F)	Parts per million														Percent sodium	Sodium adsorption ratio (SAR)	Specific conductance (micromhos/cm at 25°C)	pH	Analysis by[2]
				Silica (SiO_2)	Iron (Fe)	Calcium (Ca)	Magnesium (Mg)	Na + K		Bicarbonate (HCO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Dissolved solids[1]	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$					
								Sodium (Na)	Potassium (K)													
Jordan River	At 33rd South-continued	8- 3-56	-	23	0.00	135	72	202	17	292	388	302	0.5	8.8	1,290	632	393	40	3.5	2,050	7.4	GS
		10- 1-56	-	25	.01	143	76	231	19	298	442	340	.6	6.7	1,430	672	428	42	3.9	2,220	7.6	GS
		11-29-56	-	25	-	157	67	204		376	365	300	-	.4	1,300	668	360	40	3.4	2,040	7.1	GS
		2- 7-57	-	21	-	152	69	179		294	375	292	-	8.0	1,240	660	419	37	3.0	1,990	7.7	GS

1/Dissolved solids are calculated from determined constituents except as noted.
2/Analysis by: GS, U.S. Geological Survey.
SL, City Chemist, Salt Lake City.
SU, Utah State University, Logan, Utah.
3/Analysis of 4-11-51 includes .10 ppm boron (B).
4/Residue on evaporation.
5/Includes equivalent of 14 ppm carbonate (CO_3).
6/Includes equivalent of 9 ppm carbonate (CO_3).
7/Includes equivalent of 5 ppm carbonate (CO_3).
8/Includes equivalent of 20 ppm carbonate (CO_3).
9/Includes equivalent of 16 ppm carbonate (CO_3).
10/Includes equivalent of 12 ppm carbonate (CO_3).
11/Includes equivalent of 4 ppm carbonate (CO_3).

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UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
AND
UTAH STATE ENGINEER

BASIC-DATA REPORT NUMBER 4
1963
PLATE I

NORTHWEST LAKE PLAIN DISTRICT
SALT LAKE CITY EAST BENCH DISTRICT
SOUTHEAST DISTRICT
WEST SLOPE DISTRICT
COTTONWOODS DISTRICT
EAST LAKE PLAIN DISTRICT

No contours above 6,000 feet

No contours above 6,000 feet

EXPLANATION

Well

Spring

Chemical analysis of surface water in table 4

Chemical analysis of ground water in table 3

Driller's log in table 2

Boundary of ground-water district

3 MILES

Contour interval 200 feet
Datum is mean sea level

Base map prepared from U.S. Geological Survey topographic maps.

Hydrology by
I.W. Marine and Don Price

MAP OF THE JORDAN VALLEY SHOWING THE LOCATION OF WELLS, SPRINGS, SITES SELECTED FOR WATER SAMPLING, AND GROUND-WATER DISTRICTS